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UNIVERSITY OF ALBERTA

folio

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Week of Welcome wows the U

By Lauren Podlubny

Take 450 volunteers, combine with 4,500 new students and stir in countless hours of hard work and dedication. Let stand on one university campus and voilà: The University of Alberta's Orientation '99.

On Sept. 6 and 7, the U of A campus was inundated with brand new faces anxious to be shown the ropes for this academic year. Students were broken down into groups of roughly 30 and placed with a pair of orientation leaders, who then walked them through the information sessions as well as the campus tour.

Orientation Manager LeVonn Holland is pleased with the evolution of the program. When Student Orientation Services (SORSE) was in charge, "[They] oriented a maximum of 1,000 students over the space of 14–20 seminar dates, and now we're orienting 4,500 students in the space of two days. It's a lot bigger event."

Several people involved with Orientation '99 have been for a number of years. "This is my fifth orientation," says Students' Union (SU) President Mike Chalk. "Each year has been bigger and more complicated, [and] this year was just crazy but I'd say it went off without a hitch." Team Facilitator Amy Gehl, a fourth-year education student says being involved is a great time. This is her third year as a volunteer. "It's always such a good experience—it gets you in the school spirit a few days early."

First-year student Jill McMillan found it a valuable experience. "I thought the tour was absolutely excellent. It's great for the students from out of town."

Students are not the only people involved in orientation. Several members of the Board of Governors and Senate, including Chancellor Lois Hole, volunteer their time during these two days to wel-

It's always such a good experience—it gets you in the school spirit a few days early.

— Amy Gehl,
fourth-year
education student



First-year science student Jen Zawacki and third-year business student Leslie Bright frolicking at Orientation '99

come new students to the U of A. While some drove around on golf carts handing out ice cream, like Chancellor Hole, others spent the day mingling with students, asking U of A trivia questions and handing out prizes.

Parent orientation was a huge success—more than 600 parents came this year.

—Heather Clark,
SU vice-president
(student life)

Harris says he appreciates being involved in the university for many reasons. "I enjoy the Senate immensely," says Harris. "I enjoy the change it gives me from my regular position, [and I enjoy] meeting

One of those prize-awarding trivia buffs was Senate member Royle Harris. Harris holds a second-term seat on the Senate and is employed by the Canadian Union of Provincial Employees.



Senate member Royle Harris passing out popcorn.

with the students. That's of course why I go to orientation." In his fourth year on the Senate, Harris has sat on the Taskforce on Graduate Student Employment, and currently is the chair of the Senate's Nomination Committee.

Holland says although 4,500 new students were registered for orientation, he estimated more than 200 dropped in without registering. SU Vice-President (Student Life) Heather Clark is pleased by the growing numbers of attendees, including parents. Says Clark: "It really says something to have a lot of people out and a lot of people with a positive response to the program ... Parent orientation was a huge

THE NUMBERS

According to University of Alberta Registrar Brian Silzer, preliminary reports indicate current undergraduate enrolment is "down a couple of percentage points" to 25,730. This compares to 25,748 last year at the same time.

Silzer says the Office of the Registrar is presently converting its system to a new one, and consequently the tabulations may be off. When looking at the numbers, said Silzer, we have to do it on a "comparative basis; date to date." Because the school year began later this year than last, it is difficult to precisely match the comparisons.

Last year at this time the U of A had a total of 30,055 students (undergraduate and graduate, full and part time), whereas there are currently 29,832. Silzer is confident the numbers will rally shortly.

And ...

With an increase of students attending Orientation, financial contributions from both the university administration and the Students' Union (SU) have increased greatly over the past two years. SU President Mike Chalk says in 1997 the total cost of Orientation was approximately \$95,000. This year, the program costs jumped to about \$154,000. Chalk says the university and the SU split the costs evenly.

»» quick »» facts

success—more than 600 parents came this year."

Chalk credits the success of Orientation '99 to those involved. "This thing just couldn't have happened without the hard work and dedication of both the orientation staff and volunteers. It was the result of hundreds of people working over several months and the effort really showed."

Clark agrees wholeheartedly: "It's amazing to see how many people are willing to contribute to pride on campus by volunteering. If the energy from this week attests to what it will be like later, it'll be a great year!" ■

Another banner year for top students

U of A lands—yet again—another CD Howe winner

By Dan Rubinstein

More than 700 family members and friends joined faculty, students and staff at the annual Celebration of Teaching and Learning ceremony, where top students and their professors had the spotlight. Here are two profiles of just some of our academically elite students.

Even though he's the top male engineering student in the country, Aaron Hryciw tries not to engage his mind calculating indefinite integrals while hiking Vancouver Island's formidable West Coast Trail.

But the avid and accomplished musician can't stop himself from humming a few tunes as he follows the majestic week-long route along remote beaches and root-infested rainforest paths.

After all, on a 75-km trail, aural accompaniment can really keep you from dwelling too much on the weight on your back.

"Sometimes hiking seems better in retrospect," says the second-year University of Alberta engineering student, one of the 100 remarkable students and distinguished professors honored at the fourth annual Celebration of Teaching and Learning (CTL) awards Sept. 9 at the Myer Horowitz Theatre.

"Your back hurts, the food is bad—and then it starts raining," continues Hryciw, who completed the trail—considered by some to be the most beautiful hike in the world—for the second time this summer.

"But sometimes it's just so wonderful out there. Being so remote is amazing. There are great sunrises and sunsets and incredible waterfalls. It's like engineering: it's a lot of work, but it's a lot of fun."

An Edmonton native majoring in engineering physics, Hryciw was recognized last week for winning the CD Howe award.

It bestows \$18,000 over three years to each of Canada's top male and female engineering students. The U of A picked up both CD Howe awards in 1997 and 1998.

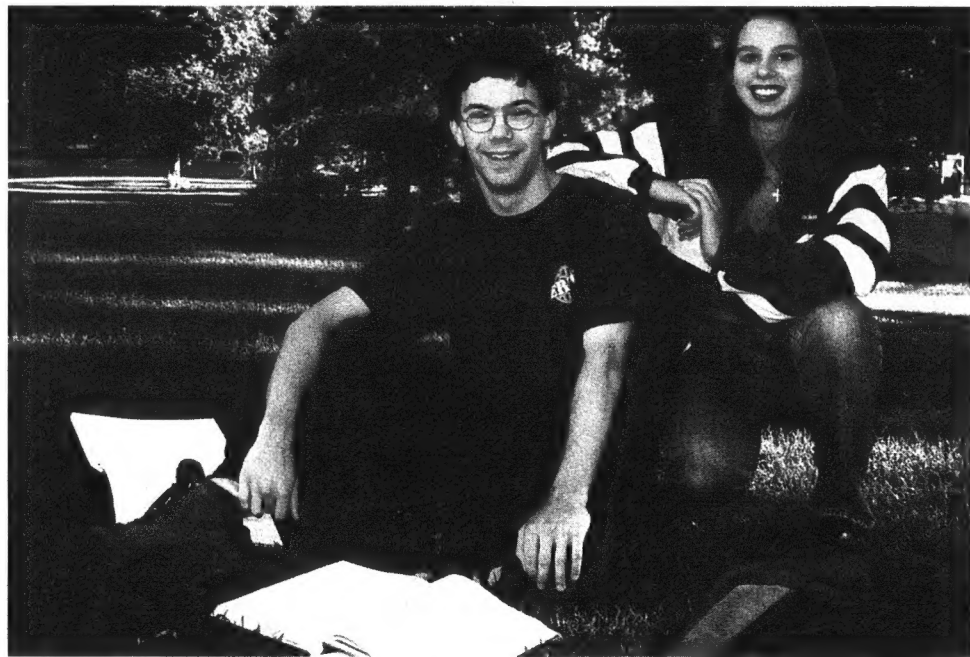
Last year, Hryciw maintained an 8.9 grade point average (fourth in a class of 756) while staying involved in an impressive assortment of extracurricular activities. He's a first violin in the Edmonton Youth Orchestra, the principal bassoonist for the National Youth Band of Canada, a dancer with the semi-professional Cheremosh Ukrainian Dancers and the chief scout and president of the Venturer Company.

Hryciw says he decided to attend U of A because of its reputation as a good engineering school and the fact it's within biking distance of his home. That the university offered a scholarship was also important—it means he can devote his time to studying, music and other pursuits without having to worry about squeezing in a paying job or a student loan hanging over his head.

"It's always fun to see how much you can manage to do," says Hryciw, admitting his life is a balancing act sometimes. "I might feel more of a crunch this year. But I'll try to keep doing as many different things as possible."

Also honored at the CTL event were President's Citation winners, such as Jennifer Gelinias and Celia Valel of Winnipeg, and Chancellor's Citation recipients, such as Karli Moncrief of Alameda, Saskatchewan. President's and Chancellor's Citation winners receive \$25,000 and \$15,000 scholarships respectively over four years.

Gelinias, a 15-year-old from Edmonton, is a first-year science student who graduated from Old Scona High School with a near-perfect 99 per cent average. She'd like



Hryciw and Gelinias: Life is much, much more than academics.

to study medicine some day but doesn't want to be a practicing physician. Instead, Gelinias wants to do medical research, because "lab work has always been a hobby."

She also envisions getting into the cutting-edge field of astrobiology, which the Edmonton Space and Science Centre (ESSC) volunteer first encountered while surfing around on the NASA website last year.

"It's a combination of space studies and biology," explains Gelinias, who also dreams of becoming an astronaut, especially since meeting Canadian space hero Julie Payette at the ESSC earlier this summer. "It's researching what exactly life is, and whether it can exist on other planets."

Like Aaron Hryciw, Gelinias picked U of A because it's a good school for her chosen

field and is conveniently located in her hometown.

"There was no need for me to travel across the country to do what I wanted to do," says the well-rounded piano player, Ukrainian dancer, bronze cross swimmer and cross-country skiing teacher.

The CTL ceremony is an annual opportunity to give recognition to people who have contributed—or will contribute—so much to the university, according to Vice-President (Academic) Doug Owram.

Honoring students and professors together, he says, is equally important.

"It's not two separate worlds. It's one world of learning," says Owram. "It's really crucial for everybody at the university to see that we're an organic whole." ■

folio

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...it makes sense

The best professors in Canada are at the U of A

University celebrates unprecedented win of four 1999 3M Fellowships

By Lucianna Ciccocioppo

The Society for Teaching and Learning in Higher Education (STLHE) and 3M Canada have selected four University of Alberta professors for the 1999 3M Teaching Fellowships—Canada's highest, most prestigious national undergraduate teaching award. This is the first time one university has captured four awards in one year. It's an unparalleled achievement and brings the total number of 3M Teaching Fellowships awarded to U of A professors to 22—number one in Canada for the fourth consecutive year.

Dr. Jeanette Boman, assistant professor of nursing, Dr. Erhan Erkut, professor of finance and management science, Dr. Andrew Liu, professor of mathematical sciences and Dr. Mick Price, professor of

agricultural, food and nutritional science, were named out of a total of 43 nominations received from 24 universities. These professors were among many recognized for their outstanding teaching efforts at the Celebration of Teaching and Learning ceremony Sept. 9.

Ten 3M awards are given annually to individuals who excel in teaching and demonstrate an exceptionally high degree of leadership and commitment to the improvement of university teaching across disciplines. These professors consistently score perfect or near-perfect marks in student evaluations and are more than committed to improving the teaching environment, not only in their departments and faculties but also across this campus and others.

"The University of Alberta has made tremendous strides in helping professors become great teachers, and our efforts are obviously paying off," says President Roderick Fraser. "We have Canada's best professors because we work at it with teaching, learning and technology committees, graduate teaching assistants symposiums, and pro-active support units such as University Teaching Services and Academic Technologies for Learning. For these reasons, we continue to lead the country with such prestigious awards as the 3M Teaching Fellowships." ■

Look for upcoming features in *Folio* on the 3M Teaching Fellowship winners.

Dean Lorne Tyrrell lands 1999 University Cup

By Lucianna Ciccocioppo

It would be easy to say Dean Lorne Tyrrell received another feather for his cap, except there probably isn't any room left given his collection of accolades: 1998 Prix Galien for research; 1998 J. Gordin Kaplan Award for Excellence in research; 1990 Rutherford Undergraduate Teaching Award and the Faculty of Medicine and Dentistry's Teacher of the Year, 1990, 1973-1976.

Now, he's holder of the University Cup—the U of A's highest honor for academics. Created four years ago, the University Cup recognizes a senior professor who is an outstanding teacher and researcher.

Not only is he a busy dean, professor and researcher, he's blazing a trail in the battle against hepatitis B. The virus that affects about 300 million people around the world can be treated with a drug called Heptovir—the pharmaceutical fruition of ground-breaking research conducted by Tyrrell and his team. The anti-viral treatment was approved for use in Canada late last year. And as it's approved around the world, it could save thousands of lives every day, giving hope to many of its victims who could succumb to liver cancer or cirrhosis.

Tyrrell received the University Cup at the Celebration of Teaching and Learning event Sept. 9.



University Cup winner Dr. Lorne Tyrrell

Wrestling for support

Amateur athletes put school, career and family life on hold—with little of financial help

By Dan Carle

Colbie Bell is a Canadian Olympic wrestler who cuts a fretful path in this life despite his status. His choice to go for gold provides little glory and financially leaves him pinned.

"I've always worked jobs that would let me wrestle," said Bell, 28, who trains 20 hours per week while trying to arm-bar part-time work in a group home, plus help support a wife and two-year-old child, and a return to full-time studies at the University of Alberta. This takes planning and requires sacrifices, but his eyes are still locked on Sydney 2000. "With the time commitment wrestling takes, a lot of those jobs don't pay very well...There isn't much of a cushion."

There isn't much of a cushion because Bell and Canada's 1,250 other "carded" amateur athletes are basically clothed-lined. They are required to supplement increasingly necessary international travel schedules and their living expenses with \$560 in monthly support from Sport Canada's Athletic Assistance Program.

Bell, an athlete who won bronze at the Pan-Am Games, is surprisingly not at the top of the Canadian system, drawing a C-card, which in the three-tiered (A,B,C) national amateur carding system is like drawing the short straw.

"I think the system was never designed or intended to meet all of the athletes' needs," said Bob Price, manager of the Athlete Assistance Program, on the phone from Ottawa. "It was designed to help offset the costs athletes incur because of their involvement in high performance sport."

How much are those costs off-set?

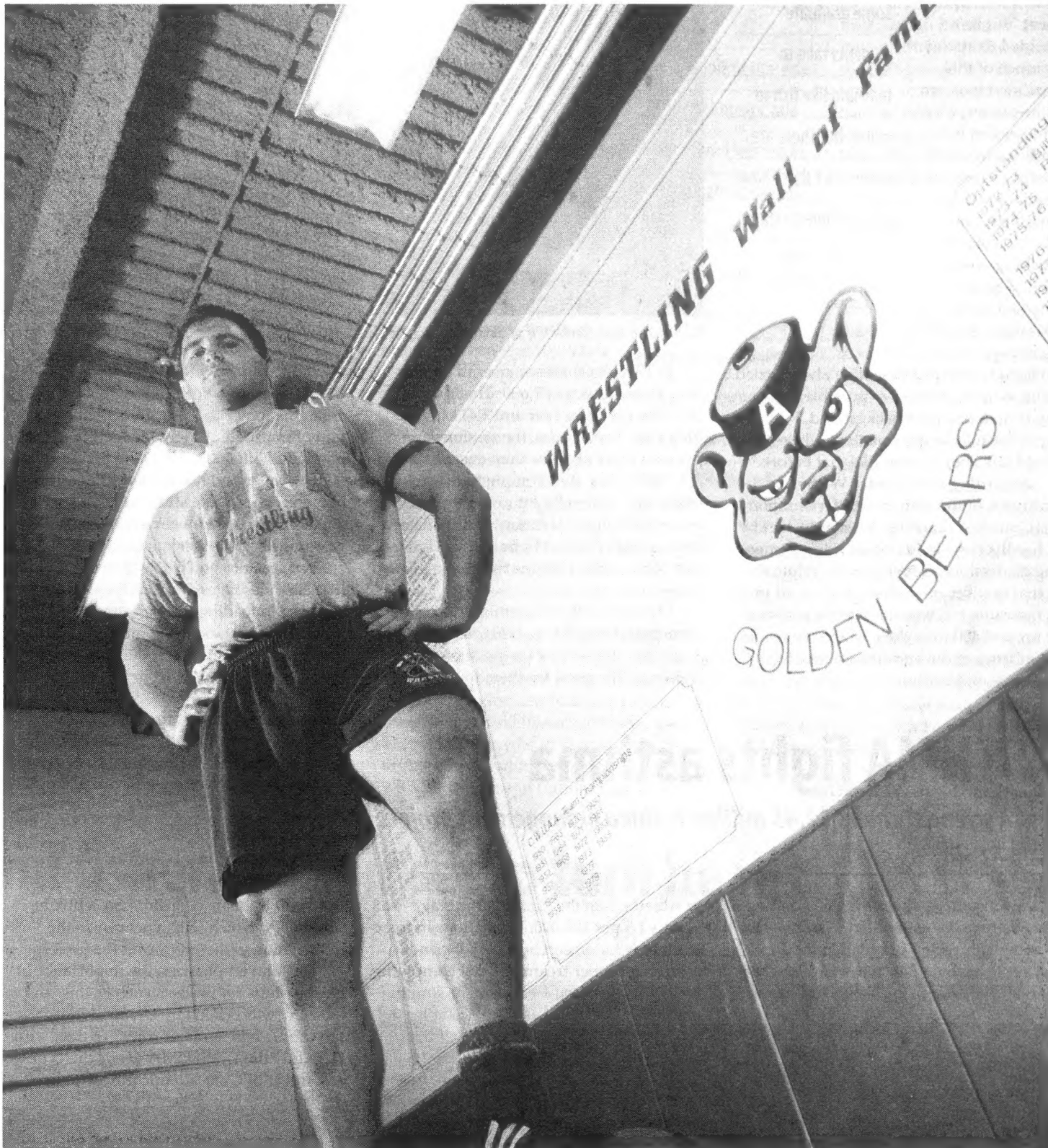
"If you basically have a full-time job and have a family to support, you'll find you're just not compensated enough when you travel. It's not enough to pay the bills," said Bell, who finished 17th at the Atlanta Olympics in his first international competition and hopes to improve his place next year in Australia. He is currently the number one ranked Greco-Roman wrestler in Canada, and number two in freestyle.

His ranking in terms of lifestyle? This side of poverty.

Colbie Bell is currently the number one ranked Greco-Roman wrestler in Canada, and number two in freestyle. His ranking in terms of lifestyle? This side of poverty.

"The athletes look to the Americans and see what they are getting...even Russia has more support for their athletes in many ways than Canadians do."

—Mike Payette, national program director, Wrestling Canada



Bell, eye on CIAU title, Olympic triumph, and financial balance.

"The athletes look to the Americans and see what they are getting...even Russia has more support for their athletes in many ways than Canadians do," said Mike Payette, the national program director for Wrestling Canada. "There is no question that often these athletes put their lives on hold while they are trying to achieve their athletic goals. Some people put their careers on hold, their families on hold, or having families. It is often difficult for them."

It is more difficult for athletes like Bell, with families, whose nightly talks around the dinner table, late after practice, always involve money and usually cause stress. This uneasiness is shared at the national level, where Sport Canada juggles 40 sports, an \$8.7 million budget and priorities. They think about money as well. However, two studies—one in 1992, the other in 1997—suggest stipends to athletes are not enough.

"If more money comes into the system, the question is where should it go?" Price said. "There is always a need expressed that we need to support more athletes further down in the system so they can be ready when they get up to the top of the system."

This is the way of life for the Canadian amateur athlete.

However, it's not all bad. Bell, 6'2", 230 pounds, wrestling in his eighth season, took full advantage of the Athlete Assistance Program's tuition assistance program to return to university after a five-season break. His tuition is covered but not his books. He will wrestle with the Golden Bears with hopes of winning a Canadian Interuniversity Athletic Union (CIAU) title next spring before taking the international stage at the Olympics next summer.

"The national title is within my grasp, even though I'll be giving up 60 or 70

pounds compared to the other heavyweights," Bell said. "I can get the job done."

An Olympian walks among us.

"One of the things that probably any athlete would share is a desire and commitment to be the best they can. Whether that be at an amateur level, or whether you're an elite athlete, I think it's a strong desire, and that's what pushes you and drives you forward. That's pretty much all that's done it for me," Bell said. "At Pan-Am Games I was up on the podium. I didn't finish first but I still saw our flag...when you're up there you think back to all the people you know—your friends and your family—and the sacrifices it took to get there. It's a matter of perspective. Am I wrestling for my country? Yes."

It's a matter of debate: is his country wrestling for him? ■

Teaching symposium gives graduate students a head start

Basic training more popular than ever

By Geoff McMaster

As he prepares for his second year of teaching, Charles Kirkby feels he's now on much more solid ground. Part of his confidence comes down to sheer experience, scant as it may be. But it also helped enormously, he says, that he was required by the science faculty to take at least five sessions at last year's Graduate Teaching Assistants (GTA) orientation teaching symposium.

Kirkby is now free of the requirement. But he's decided to attend as much of this year's symposium as he can anyway. One session he finds particularly useful focuses on gender issues in the classroom.

"Anyone in a teaching position should be sensitive to these kinds of issues," says the second-year master's student in physics. "I've always tried to be as open-minded as possible, but coming from a scientific background, I've never been in an environment where I could talk about issues like that before."

According to Dr. Grace Wiebe, coordinator of the 19th annual Orientation for Graduate Teaching Assistants, Kirkby is hardly alone in his desire to seek ongoing professional development. While the actual number of students registered in the symposium has remained fairly constant at around 400 over the past few years, attendance at the various sessions has grown significantly.

Some graduate students take to teaching like fish to water, but there are others that don't have a clue where to start.

—Charles Kirkby, graduate teaching assistant



Dr. Gretchen Hess (centre), U of A's discipline officer, leads a class on dealing with difficult students, one of the many sessions at the GTA orientation symposium.

In 1998, for instance, overall attendance at sessions was 2,600. That's up from 1900 the previous year and 1,411 in '96. This year, says Wiebe, the sessions are proving more popular than ever.

"Once they start coming to the sessions, they get really interested in teaching issues in higher education, and they keep coming back," says Wiebe. "They don't just come to the sessions they have to come to."

Pressure in the academic job market to demonstrate teaching ability may also play a part in GTA's thirst for professional training. "It's good for them to have that

on their resumes, and it's good for the campus because we're getting better teachers in the long run." She adds the proportion of graduate students to faculty participating in University Teaching Services (UTS) year round has shifted dramatically in favor of graduate students.

This year's two-week symposium, wrapping up this week, included 52 concurrent sessions and a selection of more than 55 videotapes. Topics ranged from marking to leading discussions to dealing with difficult students. Some were even targeted to specific disciplines, especially in the sciences, says Wiebe.

"Some graduate students take to teaching like fish to water, but there are others that don't have a clue where to start," says Kirkby. "Most graduate students are given the position because of their knowledge of the material and not because of teaching experience ... I think [the symposium] is a great idea because it gives students a chance to actually develop some teaching skills before they're standing in front of people."

To find out more about UTS activities, see their website at www.ualberta.ca/~uts/. ■

ASTHMA fights asthma

U of A scientist chairs \$2.45 million asthma management project

By Vivian Zenari

"It's always there," says Marcella deJong of her asthma. When invited to parties, the U of A engineering graduate must check her hosts have no pets nor will allow any smoking. In the spring she deals with pollen, in the fall with the airborne particulates of harvest. After she has an attack, her lungs hurt for a week.

But soon the 150,000 Albertans who suffer from asthma like deJong may benefit from a \$2.45 million co-operative venture to help improve asthma treatments.

The project was launched at a news conference Sept. 8 by representatives of its partners, which include the U of A, the University of Calgary, Alberta Health and Wellness, the Alberta Lung Association, the province's regional health authorities. Pharmaceutical company Merck Frosst Canada & Co., which is providing the seven-digit dollar research grant, is also a partner. The program, called the Alberta Strategy to Help Manage Asthma (ASTHMA), will take place in two phases over four years starting this year.

Dr. Paul Man, director of pulmonary medicine at the U of A, is the chair of ASTHMA. During clinical practice, he noticed some asthma patients were not receiving optimal care. In fact, the mortality rate for asthma is slightly higher

in Alberta than the Canadian average—1.8 versus 1.5 per 100,000. Limitations in treatment may be caused by asthmatics not receiving proper treatment, not complying properly with their treatment, or simply not being diagnosed at all. Since other

chronic diseases exhibit a disparity between optimal and actual treatment, the same may be true for asthma.

ASTHMA's first phase will gather evidence about such gaps in treatment. In one part of the project, researchers will examine the medical charts of 5,000 asthma patients. Five hundred of these patients will then take part in additional data-gathering via questionnaires and interviews to determine what their medical experiences have been. But even if treatment problems are uncovered, says Dr. Man, "just confirming it is not enough." Consequently, in the second phase ASTHMA will identify strategies for overcoming any deficiencies in treatment identified in the first phase.

In addition to Dr. Man, the U of A is providing other expertise to ASTHMA. Dr. Don Sin, a respirologist and assistant professor of medicine, manages day-to-day activities as a project officer for ASTHMA. Dr. Ross Tsuyuki, associate professor of medicine,

heads up the data coordination centre at the U of A, which will synchronize the information gathered during the project.

Dr. Man emphasizes the importance of partnerships for projects such as this, and his view was echoed by Dr. Sin, who says the U of A has "a major role." To deal with the study data, ASTHMA needs the U of A's and U of C's academic infrastructure.

Says Sin: "Without them, this project would not be a go."

For people like deJong, having the project be a "go" may lead to stronger counter-measures for this often fatal illness. Every year 400 to 500 of Canada's two million asthma sufferers die from the disease.



Dr. Paul Man, chair of the ASTHMA project.

Exit thoughts from the Students' Union past-president

By Sheamus Murphy

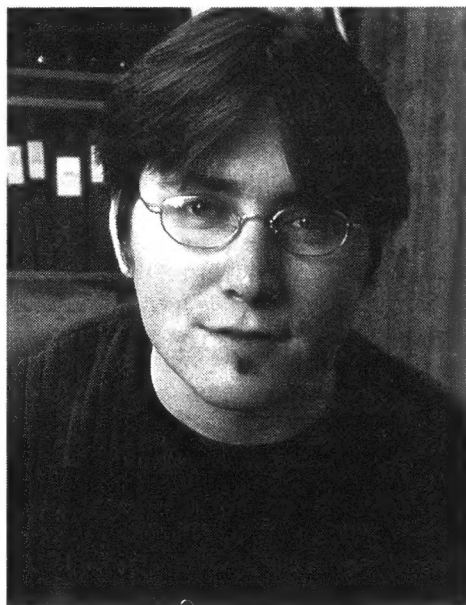
It was a strange feeling, that first day of class, putting my pen to paper and focussing on my professor's voice. For the past two years, I may have technically been a student, but really I wasn't, attaining minimal attendance in my one class. Even if I was there, my mind was somewhere else.

I was the 21-year-old president of the student body at the U of A—the CEO of a Students' Union with more than 350 employees—responsible for a host of services, an \$8.1 million budget, and charged with the influence necessary to improve the lives of those I represented. Today, while I no longer have the power of votes behind me, I return to my political science classes enriched with a deeper understanding of how politics really works than perhaps some of my lecturers possess.

When I first ran for vice-president (academic), one of my professors warned, "Remember that politics and philosophy don't mix." He was right. I had two years to get something done, and my ideals were useful only in guiding my own direction and actions. Beyond that I had to quickly learn the art of compromise, for without it I would grow frustrated more with my inability to change anything than I had been with the problems that led me to this position in the first place.

I spent most of my term as president dealing with the Alberta Government and University Hall, as they are the source of student discontent, and they hold the power to end it.

My year began hot on the heels of the controversy surrounding President Rod



Just a regular student now: Sheamus Murphy.

Fraser and his entourage gallivanting off to Hong Kong, which for all the good intentions in the world, was a slap in the face of the students footing the bill. We confronted him over beer and pizza at Dewey's and took hours to uncover the layers of our discontent with his lackluster student record. At the end of my term his progress was rewarded with my support for his renewal as president.

From this dialogue we struck a deal with the university leadership: if we go to the government and plead the university's case for more funding, and keep our attacks on the university behind closed doors, we expect a break in tuition in re-

turn. This partnership paid off, thanks to the glimmer of enlightenment in our university's leadership, in the form of \$1.2 million left in student pockets annually.

I learned our provincial government doesn't listen to students, and doesn't really care about us. I respect the Tories for being adept at staying in power and managing our budget so skillfully, but I curse them for their manipulation of democracy. I met with dozens of MLAs, and successfully debated our case for restored funding with them, but it was a waste of my time. There are about five people who require convincing in order for anything to change in Alberta, and they care about their issues alone. When I met behind closed doors with Premier Ralph Klein, he gave us hope, and then he dashed it before the media. Every part of the university needs to double its lobbying efforts before this university achieves its vision and students feel relief.

I had to learn to be satisfied with what I could accomplish. During my two years in office, tuition went up by about \$500. During that time and behind the scenes, I directly or indirectly secured more than \$12 million per year in new funding for U of A students, which means we kept up with the increase in tuition. I am also

proud of making possible the first ever orientation in Canada for students graduating from university, called "From

Backpack to Briefcase." It was my executive who balanced the SU's budget for the first time in years. And I dream of the day when our blueprints for an expanded Students' Union Building cease to be a vision and become a reality.

Few people notice your accomplishments, and that's okay. I learned to care only about having the respect of those whom you respect, to care less about what everyone else thinks, and to care more about doing what will actually make a difference, regardless of who knows about it. At the end of the day, all that mattered was sleeping well at night.

From travelling across Canada, to meeting with every powerful leader in the land and

working with the most inspirational talents I could imagine, to being one of 20 members of the Board of Governors at the University of Alberta, every day for me was new and exciting. I knew, though, that I didn't want another term, because I could never have that experience again. Having done my duty, I am quite content with returning to the thoughtful comfort of class and leaving the stress of action behind me, knowing others will honor my university by taking up the challenge of caring for it. ■

"Few people notice your accomplishments, and that's okay. I learned to care only about having the respect of those whom you respect, to care less about what everyone else thinks, and to care more about doing what will actually make a difference."

First wildlife and fisheries chair set to turn heads

By Geoff McMaster

The appointment of Dr. Mark Boyce as the first Alberta Conservation Association (ACA) Chair in Fisheries and Wildlife will likely "turn a few heads," says Dean of Science Dick Peter.

"He's a world leader in research in wildlife biology, and to attract him here is absolutely A-1," says Peter. "We were strong before, but this places us in a real leadership position ... I think it's really exciting."

Boyce takes on the science faculty's first endowed chair, in the Department of Biological Sciences, this fall. The chair was established last year by a \$3-million campaign contribution from the Alberta Conservation Association (ACA), a non-profit, charitable organization promoting the protection of Alberta's fish and wildlife. Boyce's mission is to conduct research on wildlife and/or fisheries issues of relevance to Alberta while supporting the ACA's aims. He will also mentor graduate students who will contribute to wildlife and fisheries management in the future.

Boyce comes to the U of A from the University of Wisconsin, after spending a number of years at the University of Wyoming, Yale (PhD) and Oxford (post-doc-

toral work). Winner of numerous awards, he has written or edited six books and is now completing a seventh on vertebrate population ecology. He's worked with "a wide variety of organisms" during his career, but his most recent research uses mathematical models to determine eco-

logical trends, especially as they affect large mammals, such as grizzly bears and elk. He is renowned for the successful integration of theory and practice.

"My whole career has been on that fence between theory and management," he says. "I'm trying to come with the best data and use them in a quantitatively rigorous way to anticipate population trends, harvest potential, risk of extinction, migration—trying to understand the dynamics of a population in ways that can enhance our ability to manage it."

Since Boyce is well aware his position is supported largely by levies on hunting and angling licenses, he says he will be "sensitive to the role those people play, and their interests in wildlife resources." He says it is primarily anglers and hunters who provide the funding "as well as the impetus" for almost all conservation programs.

UNIVERSITY
OF ALBERTA
CAMPAIGN

We were strong
before, but this places
us in a real leadership
position.

—Dr. Dick Peter, dean,
Faculty of Science



Intrigued by the entire province: Dr. Mark Boyce.

The challenge, he says, is how to harvest wildlife resources carefully without disturbing the balance of ecosystems: "How to inject science into the management process is what I see as my mission here."

Boyce's teaching load will be light this year so he can get some important initiatives underway, such as working jointly

with ACA and government agencies to develop better approaches to wildlife management. But he also looks forward to working with students and getting to know Alberta.

"I'm intrigued by the entire province," he says. "I hope to have students dispersed throughout the province working on a variety of topics." ■

You asked—the president answered

Q & A with Dr. Rod Fraser

By Lucianna Ciccocioppo

Another five-year term for University of Alberta President Rod Fraser was approved by the Board of Governors during the last meeting of the academic year in June, 1999.

During a 75-minute interview with *Folio* Editor Lucianna Ciccocioppo, Dr. Fraser talked about his priorities and vision for the next term, and answered some questions taken from a random survey of people on campus. Here is a precis of his responses:

LC: Congratulations on being appointed for another five years. What are your top five priorities going to be?

RDF: The absolute overriding one is the pursuit of this vision that we've set for ourselves. It's a twofold vision: to be indisputably recognized within Canada as one of the top two or three universities, and to be within that handful of the world's best, as defined by the top 25-35 universities. And if I think about the first one within Canada, it's arguable that we're there, or almost there now.

What isn't there is the indisputable recognition of that.

In terms of aggregate levels of funding, we have been number five for a long time. But we've noticed really sharp movement on two or three corners of that. First, in terms of NSERC (Natural Sciences and Engineering Research Council) funding, we used to be in rank six; we're now in rank three. With respect to SSHRC (Social Sciences and Humanities Research Council) funding, we used to rank eight five years ago; we now rank three. And with regard to MRC (Medical Research Council) funding, we have been five, and in the last year of recorded data, 1997-98, we're again number five. In the latest preliminary results that we have for the competitions run in the fall of '98 and spring '99, the U of A actually came number three in the combined results.

While it's very hard to get comparative, descriptive databanks on community service, my sense is our University of Alberta is as well-connected with our Edmonton, Alberta and Canadian communities as any university in Canada. On the community service front, we just have an outstanding record.

As for teaching, getting this unprecedented win of four of 10 1999 3M Teaching Fellowships, and being the only university with two CASE Professor of the Year awards, we could justifiably say we're there. The challenge is to get that recognition across this country so we can attract more outstanding students from across Canada to make this truly a nationally and internationally vibrant learning community.

The key thing for me is to continue the powerful drive of the entire University of Alberta community and family of partners, supporters and alumni to go forward more strongly in pursuit of that objective.

Margaret Skelley, Senate: President Fraser, you are able to deliver literally unlimited numbers of impromptu 'updates' and 'good news' messages about our university, each one different from the last. However, it is still so upsetting to meet citizens in our community—some of them sadly alumni of the U of A—who still seem to gather their university information from only the *Maclean's* yearly survey. Will this be our year?

RDF: We have worked so hard to convince *Maclean's* to set up better measures of two critical indicators. Eight per cent of



President Rod Fraser

their index is driven by two of their four library measures (There are 22 measures altogether, four refer to libraries). Of those four, one is absolutely the right one, a second is not too bad, but the third and the fourth are, I believe, not helpful in assessing the goodness of libraries.

One of those is the percentage of the library budget spent on acquisitions. The other is the percentage of the university's budget spent on libraries. Let's take the Harvard library as an example. You would want your measures to at least confirm that Harvard is indisputably the best library in North America.

Well, Harvard is ranked 42 on one of the measures and 43 on the other, using those two *Maclean's* measures. Those two measures, in my mind, are absolutely spurious; they're misleading. That's eight per cent of the index.

Then there's 15 per cent of the index on the quality of entering students. I've carried this message at least once a year to *Maclean's*, without success. The challenge for *Maclean's* is to compare apples to apples.

There are two measures of quality of entering students, and the average of all the

students entering is used. The average mark on graduation out of an Ontario high school is approximately 74 per cent. The corresponding average of an Alberta high school student is 67 per cent and that's a function of a provincial exam that accounts for 50 per cent of the final grade. Thus, there's a seven percentage-point difference.

Could it be Ontario students have higher levels of performance than Alberta students? No. In international and domestic tests, Albertans either dominate in terms of performance over students in the Ontario system or are

equal to them.

Therefore, 15 per cent plus eight per cent adds up to 23 per cent of the total and I think those two measures by themselves drive the difference in our position relative to those universities that are scoring number one or two.

What should be part of those 22 measures is the reputation category: the attitude of the more than 4,000 people who are principally high school guidance counselors across Canada, CEOs in the private sector and senior executives in universities. In the last several years, the University of Alberta has moved up from 10 to eight to five to four. We'll hear about 1999 in two months.

Dr. Mazi Shirvani, AAS:UA president: The university's strategic plan, as well as many senior administrators, identify recruitment and retention as a major

challenge facing the University of Alberta. What are your specific plans for addressing these issues over the next 12 to 24 months?

RDF: We have been working with the government to see whether there was some way for them to help in this matter of attracting and retaining faculty. Next to the University of Alberta, Waterloo has had the highest faculty renewal—at 10 per cent. That is dramatically less than the U of A at 35 per cent. What we've been saying to government is the 65 per cent of people that have stayed are still part of the ongoing academic faculty. They include some outstanding people, and in addition, we have completed much of—not all—of the hiring of the best and the brightest we could attract. We have large numbers of outstanding people who have been hired in this last year.

On the other hand, universities in the United States and their state-supported universities for the last five years have seen an average increase of five per cent in their state of preparations. Whereas we have had a major downward adjustment in funding, and then it's gone back in the range of two to three per cent over the last three years.

The Americans have their "scanners" going and are discovering we have some outstanding people. We're trying to lay this situation out as clearly as we can for Minister Lorne Taylor of Science and Innovation, and clearly for our Minister of Learning Lyle Oberg. Also since our medical faculty is clearly part of the group of people attracting the interest of those south of the border, we're trying to work with government right now on what is an absolutely number one priority.

The second thing we have heard about from a lot of our faculty is that the state of our research laboratories and equipment, and the general infrastructure in which one carries on the research, is critically important. We also have in front of government now requests for major capital infrastructure funding. We hope we'll hear some encouraging words from them, as the government determines how it's going to take advantage of the rapidly improving financial picture for the province. Our funding and research in the last five years have almost doubled in terms of the annual funding of research activities at the university. Ultimately, we're now in a real constraint in terms of the space, and the way that space is equipped, if we're really going to compete well.

A third priority is to continue to build the support for the growth that we and all post-secondary education institutions are expecting in this next six or seven-year period—the growth associated with the sheer demography of our junior high schools and high schools. The government's decision to fund the information communications technology (ICT) initiative, providing for this increased number of students with funding for the full operating costs, building new space, equipping and maintaining this space once it's built seems like a successful route to be pursuing.

Dr. Royston Greenwood, associate dean (external), Faculty of Business: The university is pushing to become more international in its student body. How is this translated into revenue support for faculties that do attract overseas students?

RDF: A major discussion has been started by the Vice-President (Academic) and Provost Doug O'ram and his staff and especially at the last meeting of the General Faculties Council of the 1998-99 session. It has to do with international tuition fees and the level that they should be at, if indeed we are to provide incentives for faculties to go out, recruit and

also have the teaching resources in place in order for them to handle the additional students.

When recruiting outstanding students from other parts of the world, you're in head-to-head competition with the best universities from the United States, Australia, New Zealand, the United Kingdom and different European countries. You have resources for the faculties to take part in recruiting, and once students are here, to provide learning resources for those students, and for offices like Alberta International and the International Centre.

Thirdly, you need the resources to assist those international students who couldn't even afford today's tuition fee, let alone any increased tuition.

Clearly, the goal is to have an international fee competitive with UBC, McGill and our key competitors in the United States, to have the resources to recruit outstanding students and provide the resources so their learning doesn't detract from the learning of other students already here.

Dr. Claudette Tardif, dean, Faculté Saint-Jean: Now that the fundraising campaign has surpassed its goal and links with the corporate sector have visibly improved, what actions will you undertake to ensure the base operating budget of the university will increase, more particularly in budgets given to the faculties to ensure they can provide quality academic programs and services to their students?

RDF: Our total non-capital budget for the university for 1999-2000 is about \$630 million. Of that, we'll get about 37 per cent of it in the form of base operating grants from the provincial government. The rest of it comes from using our creativity, our moxy, our talents to get funding for research projects, such as the Telus Centre, which will be used as a profit centre in continuing education and professional development. That helps bring money to the base budget of the university.

While we lead in Canada in terms of total licensing fees and revenues, they're less than one per cent of our total budget. Fundraising and continuing to build partnerships with our community, especially with the private sector but with our community in general, have to be an ongoing major policy.

Michael Chalk, president, Students' Union: What is the university doing to combat the ever-growing problem of student debt (averaging \$25,000 after four years according to Human Resources Development Canada)?

RDF: The university has worked and continues to work with the provincial and federal governments to bring to bear enormous sums of money in support of students from the least-advantaged households. The Millennium Scholarship program, for example, which will begin giving out cheques to students by January of this current academic year, represents an enormous sum of money for university students in Alberta. So too does working with the provincial government on its special bursary program that requires matching monies.

Secondly, we need to continue to drive forward relentlessly in moving this capital campaign fund in the direction similar to that of the University of Toronto's (in the \$500 million range). We're between \$180-\$188 million – it's a big number and within that big number, the biggest category is for scholarships and bursary support.

What else are we doing? Diverting monies from within the internal budget in the university. We continue to work on that, with the very special goal of trying to ensure those students who do come from the disadvantaged households in terms of their income levels, are given the assistance they require in order to come to the University of Alberta. ■

Progress report on key strategic initiatives

Where do we stand?

By Geoff McMaster

President Rod Fraser has been pursuing a number of key strategic initiatives since taking over the helm five years ago, all part of the U of A's goal to be internationally recognized as one of the world's finest institutions. Over the past year, progress has been made on a number of fronts, which break down into the following categories:

•Academic programs for the future: In order to provide relevant programs of study for the future, the U of A has been merging disciplines, restructuring departments and initiating new areas of study since 1991, while introducing new curricula and learning technologies. In the past year, for example, the university developed a proposal to substantially increase enrolment in computing science, engineering and computer engineering programs through the provincial government's access funds.

•Research makes sense: Since 1994 the U of A has been undergoing periodic assessments of our research programs against national and international standards of excellence. Last spring a new fundraising target of an additional \$1 billion by 2005 was set for increased research activity after the first \$1 billion target was hit a year ahead of schedule. The university has also continued to facilitate new research initiatives as well as promote collaborative and interdisciplinary research.

•Faculty renewal and retention: It's projected 50 per cent of university pro-

fessors in North America will retire in the decade ending in 2006/2007, a turnover requiring an aggressive strategy for faculty renewal. Since 1996, about 100 professors have been hired each year, a pace that will continue through to 2000. In order to retain faculty, the university has set improved salaries as a top priority in the coming years.

Since 1996, about 100 professors have been hired each year, a pace that will continue through to 2000. In order to retain faculty, the university has set improved salaries as a top priority in the coming years.

•Recruitment of outstanding students and students with outstanding potential: It is our goal to attract more than our "fair" share of outstanding students from Alberta, Canada and around the world. The university is presently engaged in the final stage of a three-part recruitment strategy, targeting selected sites in Asia, Latin America and the United States. Scholarships and bursaries have also been identified as a major priority in the Capital Campaign with a target of \$46 million.

•Enhancing and building connections with our communities: The U of A is committed to reconnecting, reinvigorating and enhancing our partnerships with the public and private sectors, and the voluntary and non-profit sectors. While "a fair amount" of progress was made over the past year in this area, this initiative has been identified as a top priority for the coming year. Since 1996, the U of A has established six new National Science and Engineering Research Council industrial chairs. Our participation on all 14 Networks of Centres of Excellence provides extensive links with the community

in areas such as forestry, mathematics, technology, the environment, immigration and integration.

•Internationalization: Recent international activities include the establishment of the Canadian Centre of Austrian and Central European Studies, the Centre of Teaching Japanese Language and Culture, and the Faculty of Art's School in Cortona, Italy. The university is also enhancing recruitment, joint ventures and exchange programs in Europe, east and southeast Asia, and along the Rocky Mountains to Mexico and into South America.

•Revenue enhancement: With a sharp decline in government funding since 1980, it has become more important than ever to convince taxpayers in Alberta to reinvest in post-secondary education. Part of the U of A's effort to acquire more funding for research, student scholarships and bursaries, and the renewal and retention of faculty has been the Capital Campaign launched in 1997. Last year the \$144.7 million goal was reached 20 months ahead of schedule. The total raised now sits at about \$180 million.

•Improved learning environment: Attracting and retaining students and staff requires first-class facilities in which to work. In addition to a student orientation program, an abundance of "whole-person" extra-curricular activities and annual graduate student surveys and employer surveys, the U of A has equipped four of its largest and most-used lecture theatres with state-of-the-art technology. The university is also moving toward a wired campus.

•Administrative effectiveness and the work environment: The university has recently initiated the

Administrative System Renewal Program (ASRP) to exploit the full potential of digitally stored, shared and distributed information and to ensure the U of A is Y2K compliant. A Workplace Wellness Initiative Network Steering Committee has also been established to promote healthy, productive, safe and supportive work environments.

•Raising the university's profile: Promoting our reputation at home and abroad is central to helping the university move toward its academic and financial goals. Areas of focus include the three levels of government; major partners in the private sector, non-government organizations and Rotary clubs; alumni; greater Edmonton, Alberta, Canada and selected countries of the world as well as expanded media coverage.

Source: University of Alberta Key Strategic Initiatives: Progress Report and Future Focus. ■

Financial report

April 1, 1998 – March 31, 1999

A draft of the University of Alberta's financial statements was presented at the June 25 Board of Governors meeting. Here are the final numbers, in the millions of dollars, as audited by Ernst & Young:

REVENUE:	
Government of Alberta	271,741
Other government sources	59,329
Credit course tuition and related fees	101,843
Donations	26,412
Grants	11,397
Investment income	56,561
Royalty income	3,534
Sales of goods and services	92,343
Amortization of deferred capital contributions	29,819
Total	652,979
EXPENSE:	
Salaries	333,966
Staff benefits	74,754
Materials, supplies and services	95,480
Maintenance and utilities	34,296
Interest	3,915
Scholarships	22,328
Amortization of capital assets	50,863
Total	615,602

Revenues exceeded expenses by \$37.4 million this past year. This excess is not available for operating expenditures, as it has been appropriated as follows:

1. \$18.2 million for endowment investment purposes which is in accordance with the Board of Governors policy that requires the reinvestment of specified investment earnings from internally restricted endowments in order to preserve the economic value thereof;
2. \$17.1 million invested in the University of Alberta's infrastructure and equipment in order to enhance the learning and research environment. (These acquisitions are capitalized and will be amortized as an expense in future periods based on their expected useful lives);
3. \$1.8 million used to repay long-term debt. Further details in this regard can be obtained from the Statement of Changes in Net Assets in the U of A's official published financial statements.

Source: The 1998-1999 Annual Report to the Community.

Board briefs, Sept. 10

By Lucianna Ciccocioppo

WHAT'S OUR SHARE OF THE GOODIES?

Isn't it great a mathematician was one of four 1999 3M Teaching award winners this year? But how can he conduct his research without his journals, asked Dr. Walter Allegretto, academic member of the Board of Governors.

"The situation is serious. In the early '90s, we had 700 journals. Now, we're down to 300," said Allegretto. This periodical attrition affects more than current faculty, he added. "When we bring in new faculty, one place they always look to is the library."

With half of a \$1.2 billion provincial surplus available for a variety of projects, "Where do we fit in this—what's our share?" he asked.

Post-secondary institutions are up against healthcare issues and infrastruc-

ture projects, such as roads and highways, said President Rod Fraser. "However, we're in close discussions with members of the provincial cabinet and caucus, which allows us to push the university's case. We're also working closely with ministers to try to get help with immediate needs, such as fighting the American recruitment of our faculty."

MODERNIZATION DOLLARS APPROVED

The Board of Governors approved the expenditure of up to \$2.4 million for the infrastructure modernization of the Dairy Research and Technology Centre (DRTC) and up to \$1.3 million for the North Switching Station (NSS) switchgear replacement.

The DRTC includes external funding of \$1.279 million from the Alberta govern-

ment's Intellectual Infrastructure Partnership Program (I2P2). Remaining project costs are covered by industry contributions from Alberta Agriculture, Food and Rural Development.

The switchgear replacement in the NSS is a primary section in the electrical high voltage distribution system, containing three of the five Edmonton Power infeeds. The existing switchgear is obsolete.

CAMPAIGN UPDATE

The University of Alberta campaign has received cash, pledges and commitments totaling \$178,028,279 which represents 123.08 per cent of the campaign goal.

Campus house named after Supreme Court judge

Former Supreme Court Justice and U of A law professor, the Honorable W.A. Stevenson, will be honored with a house in his name on campus. The dedication of the the Honorable W.A. Stevenson Alberta Law Review House took place Sept. 10.

Justice Stevenson founded the Alberta Law Review, a scholarly journal published quarterly by third- and fourth-year law students at the Universities of Alberta and Calgary, when he was editor-in-chief in 1955. Among his many forms of support

for the review over the years is an endowment to provide prizes for outstanding contributors.

An alumnus of the U of A, Justice Stevenson was a law professor from 1968-70 and special lecturer for more than two decades. He worked in private practice with Hurlburt, Reynolds, Stevenson and Agrios, and other successor firms until 1975 when he was appointed to the District Court of Alberta. Justice Stevenson

was later appointed to the Court of Appeal of Alberta, and to the Supreme Courts of the Yukon and Northwest Territories as a deputy judge. He was appointed to the Supreme Court of Canada in 1990 but was forced to resign two years later because of ill health. In 1992 he received an honorary degree from the U of A.

The Honorable W.A. Stevenson Alberta Law Review House is located at 11049-88 Ave. ■

New SU president poised to tackle “image problem”

By Geoff McMaster

Unlike his predecessor, Sheamus Murphy, Michael Chalk is hardly a seasoned politician. Whereas Murphy was attracted to the public spotlight since his adolescence, this year’s new Students’ Union (SU) president waited until his second year to enter student government.

Having never participated much in school activities, outside of his studies and

sports, Chalk says he decided to become more involved after taking part in U of A orientation as a freshman: “I was blown away that a bunch of young people could put together such an incredible presentation.

“Like your mom always tells you, ‘Don’t make that face or you’ll get stuck with it.’ I thought I’d better change my

ways, because if I graduate from university without getting involved, it will be impossible to change.”

The 22-year-old graduate of Jasper Place High School, now in the fifth year of a business degree, delights in being the “first elected official to do a co-op work term” at the U of A. And he plans to make the most of it. Having served last year as vice-president (finance) for the SU, he is

well-versed in the hard numbers, and the hard reality, of student life.

So at the top of his agenda this year, as with Murphy’s last year, is the rising cost of education.

“You find people take part-time classes, get jobs and rack up enormous loans,” he says. “We need to see the university do something

about those folks. You don’t see, for example, scholarships for part-time students.” Chalk says he plans to meet shortly with Learning Minister Lyle Oberg, and deputy minister Maria David-Evans, to lay out his concerns.

On the issue of a proposed tuition fee increase for undergraduate foreign students, Chalk says he doesn’t believe it will make the U of A more competitive on the international market. When the proposal is debated this fall at the General Faculties Council and Board of Governors, Chalk says he’ll be front and centre with his objections.

SU President Michael Chalk in his favorite meditative spot—the greenhouse in the Agriculture, Forestry and Home Economics building.

“International students come here because they can get a good quality education at a reasonable price. Take away one of those factors and you’re going to see a pretty big drop in motivation.

“A lot of universities are leveling off their international tuition or even reducing it to try and be competitive,” he says.

“There is no quality increase that could possibly justify doubling tuition ... Some of the money goes towards financial aid, but it won’t be enough.”

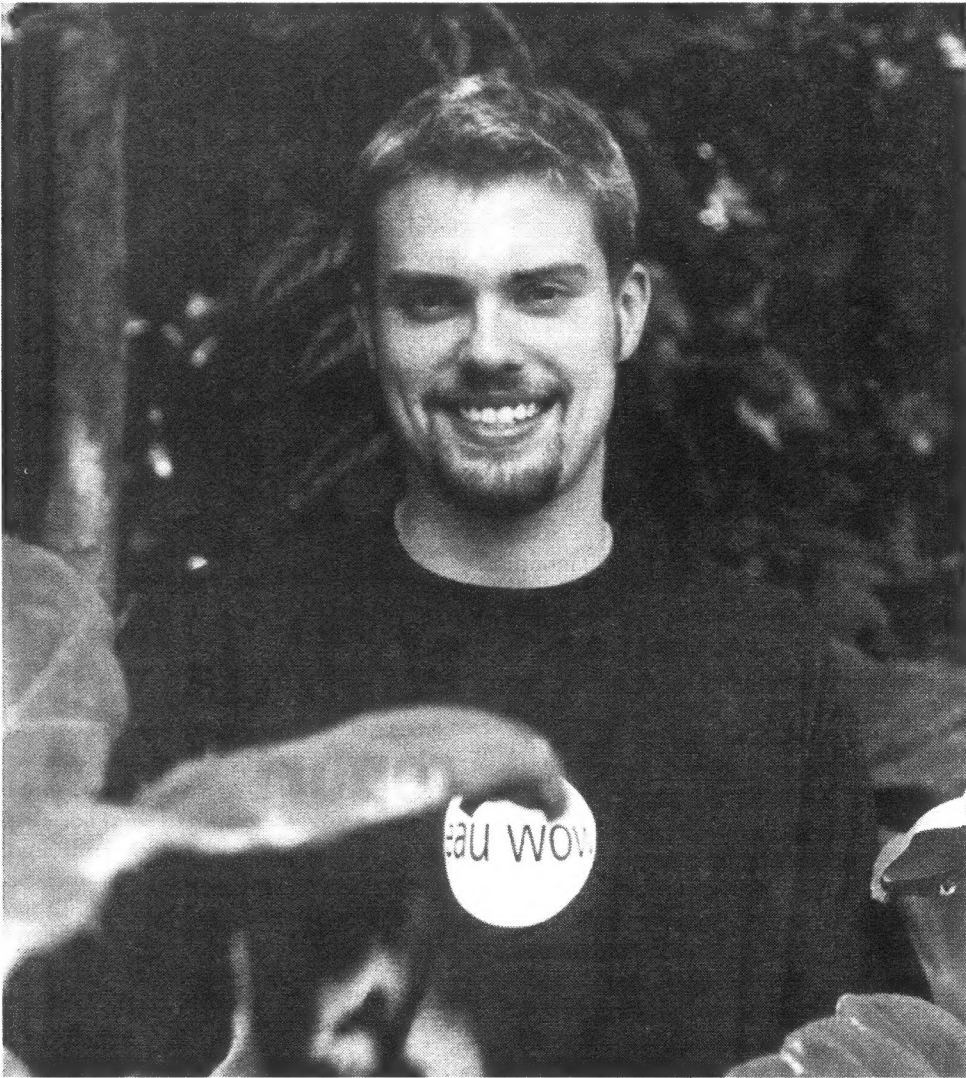
Chalk also plans to fight high interest rates on student loans. The current prime plus five per cent is far too high, he says, especially considering U of A students do not have a high default rate.

Access to student housing is another big issue for the Students’ Union this year. Chalk says he intends to continue negotiating a better deal for residents of the newly purchased Newton Place, which saw rent increases as high as 17 per cent after the university took possession last July.

“Rent increases at this point are at exactly the wrong time. We have a heated-up housing market, and students have nowhere else to go. Why are rent increases going through before renovations? If Newton Place needs all these renovations, charge students for what they’re actually getting.”

Third on the priority list is what Chalk acknowledges as an “image problem” for the Students’ Union. Not enough students know what the organization does for them, he says, and many complain the executive is only visible during elections. Part of the union’s new marketing strategy is a new logo, which they plan to display at all Students’ Union services.

But Chalk says he also has his own image problem to take care of. “My single worst flaw is in not letting people know what I’m doing. I guess I wasn’t born with the Sheamus self-promotion gene.” ■



Geoff McMaster

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to change.

—Michael Chalk,
SU president

GSA leader strives to maintain balance

By Geoff McMaster

Graduate Students’ Association (GSA) President Laura Bonnett describes herself as forthright and tenacious.

“I like to think I pick the battles that are important,” she says on a hectic first day of classes. “And I hope students believe I pick the battles that are important, because once I define something as important, I don’t let it go. If I see something I feel to be unjust, I make a point of it, and I’m loud.”

But Bonnett’s pit-bull approach to student politics doesn’t mean she allows herself to lose perspective. She insists on protecting, as best she can, her personal time.

“I meditate, and I need down time, because I can’t do all this stuff without it. Maintaining balance is really important, because 10 years from now, how much of this is really going to matter? I think I learned that lesson, because I was once a workaholic.”

Bonnett has been involved in student politics for the past 10 years, serving as vice-president of the students’ association at Carleton University. She also worked for a member of parliament and for the Human Rights Commission in Ottawa. With a bachelor’s degree in sociology and a master’s in Canadian studies, she’s now in the third year of a political science doctorate, focusing on constitutional politics with a “feminist slant.”

As she gears up for a new academic year, Bonnett’s agenda for the GSA is, not surprisingly, similar to that of the Students’ Union. Rising to the top is the never-ending tuition battle. The GSA, along with other students’ associations in Alberta, will be lobbying to rein in tuition increases to no more than two per cent, which is “drastically lower than in the past,” says Bonnett.

“Everybody seems to have finally been saying, ‘Oh my gosh, tuition’s been going up and up and up for 10 years—enough!’ I actually feel like the tide’s turning.”

Because research and teaching assistants aren’t unionized at the U of A, it also falls to GSA to represent graduate students when negotiating wage increases and working conditions. Bonnett says the association will be asking for at least 3.5 per cent more this year. “It’s not just about wages either,” she says. “Sometimes people feel they

have no grievance process if, for example, they’re overworked.”

Housing is another issue Bonnett says she’ll pursue with diligence.

“There are a number of different angles to this. One is just the availability of housing in general, which is decreasing, especially in the university area. Along side that is the issue of rent, which we’re all familiar with after the purchase of

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I don’t let it go.

— GSA President
Laura Bonnett



GSA President Laura Bonnett

Newton Place.” She says she got the university to agree to a three month notice for people renewing leases at Newton Place before the rent increase takes effect.

She’s also recommended the Board of Governors strike a housing task force “to look at the bigger issues,” such as what role the university should play in helping new students at the U of A get settled.

Bonnett may be relentless when she has a bone to pick, but says she prefers “appropriate tactics” over angry protests and demonstrations.

“I’m much more willing to sit down and discuss issues with university administrators than I am to march in front of a building. But when that doesn’t work—when doors are shut, decisions are made and no one’s listening—I’m not afraid to take other tactics.” ■

FOIPP

Freedom of Information and Protection of Privacy

September 17, 1999

Freedom of Information and Protection of Privacy Implementation

On 1 September 1999, the University of Alberta became subject to the Alberta *Freedom of Information and Protection of Privacy (FOIPP) Act*. While the *Act* is designed to make the University more accountable to the public, it should only be used as a last resort. In most instances, information held in the custody or under the control of the University will continue to be routinely available without recourse to an application made under the *Act*. However, when such a request is received, the *Act* requires that the University respond to the applicant openly, accurately and completely within 30 calendar days after the receipt of the request.

The *FOIPP Act*:

- Allows access to the general records in the custody or control of the University of Alberta with only limited and specific exceptions;
- Regulates the collection, use and disclosure of personal information collected by the University;
- Allows individuals access to their own personal information, with limited and specific exceptions;
- Provides individuals the right to request corrections to their personal information; and
- Provides the opportunity to request an independent review by the Information and Privacy Commissioner of decisions made by the University under the legislation.

Faculty research is protected under the *Act*. Teaching materials of individual faculty and the University are also protected. The University will continue to be able to use certain alumni information for fund-raising purposes. However, alumni can request to have their names removed from fund-raising lists.

The *Act* affects all faculty, staff and students and all recorded information including electronic mail and databases. The University has designated a FOIPP Coordinator. Each faculty, department and unit has a FOIPP Liaison Officer (FLO) to contact for further information.

Working with the FOIPP Coordinator, these FOIPP Liaison Officers (listed alphabetically on page 4 by faculty, department or unit) are key to successful FOIPP implementation. They have been trained in the *Act*, the implementation strategy and its implications for the University and provided with essential information and publications. Questions relating to the *Act* and its implications in the first instance should be directed to them or to Bryan Corbett, FOIPP Coordinator, (bryan.corbett@ualberta.ca) or visit the FOIPP website at www.ualberta.ca/FOIPP/.

Below are some of the more frequently asked questions stemming from the University's participation in a province-wide Post-Secondary FOIPP Network. As all questions are situational, the answers are of a general nature and may not hold true in unique situations. If in question, please call the FOIPP Coordinator at 0531 or write to the Information and Privacy Office at: Ring House 1, University of Alberta, Edmonton, Alberta T6G 2E1.

Individuals may obtain *Request to Access Information* and *Request to Correct Personal Information* forms from the FOIPP Coordinator or the FOIPP Liaison Officers.

17 September 1999

Questions of Interest to the Public

1. Is a FOIPP Request the only way that individuals can access information about the University or about themselves?

A formal request under the *Act* should be seen as a last resort for accessing information from the University. The *Act* does not replace existing procedures for accessing personal or other information that would normally be made available to the public or to an individual on request.

2. Can records that have been traditionally accessible before the *Act* came into effect become inaccessible?

Records that were open previous to the implementation of FOIPP would have to be reassessed under the *Act* in order to determine whether they can remain open. In most cases it is expected that they would remain open.

3. Can an applicant request an accounting of public fund expenditures, including expense account information?

FOIPP allows for the routine disclosure of the expenditure of public funds including detailed expense account information of University staff where those expenses were paid for by the University.

4. What is not considered to be an "unreasonable invasion of privacy" under the FOIPP *Act*?

It is not considered an unreasonable invasion of privacy if: the individual consents to the disclosure of their personal information; an act authorizes disclosure; the information is about classification, salary range, discretionary benefits or employment responsibilities at the University; the information provides details of contracts (including financial) for the supply of goods and services to the University; or the information provides details of discretionary benefits or grants.

5. Will a request for an individual's own personal information always be a formal request under the *Act*?

Although an individual may submit a written request for their own personal information under the *Act*, the University may obtain the agreement of the applicant to treat the request as an informal one (outside the *Act*). Requests for personal information cannot be categorized as routine release except in limited circumstances. This is because the records must be examined to ensure that they are relevant to the request and that personal information of other parties is severed if it would be an unreasonable invasion of their privacy.

6. Can photographs be taken at the University?

At public events there is an expectation that photographs may be taken and this is not an unreasonable invasion of privacy. It is also expected that photos will be taken for preparing ID cards. Photos can be taken of anyone who gives their consent. This means media coverage may take place on campus.

7. Can the Development Office indirectly collect personal information about a potential donor from publicly available sources and reports of observable events?

The *Act* allows for the indirect collection of personal information from published or other public sources for the purposes of fund-raising. These would include such things as newspaper reports; birth, marriage or obituary notices; biographical dictionaries; donor lists printed in programs for sporting or cultural events; information available on the Internet; records of attendance at public events, or honours or awards granted by or through the University.

8. Can the University disclose names of graduates to its Alumni Association or to the Development Office?

Unless an individual has requested that his/her personal information not

be disclosed, the University may disclose the names of graduates to the Alumni Association for alumni purposes (e.g., providing information about discounted services; benefits; travel, educational or cultural events, seeking feedback on institutional issues). The University may also use personal information in its alumni records for the purpose of our own fund-raising activities. The University may disclose personal information in our alumni records for the purpose of our own fund-raising activities if the University and the person or entity to whom or which the information is disclosed enter into a written agreement that requires the University to stop using an individual's personal information at the individual's request.

9. Can information that has been provided to the University by a third party be released in response to a FOIPP request?

Any information in the custody or control of the University is accessible under the *FOIPP Act* even when it is provided by a third party. The information should be examined carefully to determine whether disclosure would be harmful to the business interests of the third party,

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Questions Regarding Student Information

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harmful to personal privacy if it contains personal information, or if it meets one of the other mandatory exceptions in the *Act*. If you believe it falls into either of the above two categories, it may be necessary to notify the third party about the request and allow for representations to be made about disclosure. The FOIPP Coordinator carries out this action.

10. Can copies of contracts with consultants, engineers, and contractors be released in response to a FOIPP request?

Copies of contracts can be disclosed after they have been awarded on the premise that the public has the right to know who has been engaged to do work for the University and how much is being paid for the work. However, some information in the contract, or in supplementary documentation, must be withheld if it meets a three-part test for harm to business interests of the contractor. Information may also be withheld if the University can show that its disclosure could reasonably harm its economic interests, result in financial loss or interfere with negotiations. Examples of such information would include unit pricing, actual wages paid to employees of the contractor or proprietary information.

11. Can a researcher use University records?

Only in accordance with the relevant sections of the *Act* and the University's policy on research and data sharing. When records contain personal information that can identify individuals, they must be stripped of any personal identifiers or the researcher has to apply to the University for permission to use the records. The researcher will have to show that the research purpose cannot reasonably be accomplished unless the information is provided in an individually identifiable form; that the record linkage will not be harmful to the individuals the information is about, and that the benefits to be gained are clearly in the public interest. The researcher will have to sign a research agreement.

12. In response to a FOIPP request, is the University required to create a record in a different form than that which it currently has? (i.e., information contained in several databases rather than as one record?)

Yes, in some circumstances. When there is a formal FOIPP request, the *Act* requires the University to create a record when it can readily do so using existing hardware and software and technical expertise. This requirement is further limited by the requirement that fulfilling this obligation should not unduly interfere with the operations of the University.

1. Can a student, in a FOIPP request, gain access to a closed letter of reference of which he or she is the subject of the information?

Generally yes, since the letter would contain personal opinions about the student. However, the University may refuse to disclose evaluative or opinion information collected for the purpose of conferring a benefit (e.g., a scholarship or other award) to an individual if the information was supplied in confidence. This is a narrow exception to disclosure of the information under the *Act* and may not apply to letters of reference in every situation.

2. Can the personal information of students be disclosed to potential employers who are making reference checks?

The student would have to consent to the disclosure of opinions about his/her grades, performance and suitability for the job. This consent may take the form of permission to contact the University or a named individual as a part of the student's application for employment. If this is the case, the University should require a copy of the application or that part of it which authorizes the potential employer to seek information. The University may continue to confirm student enrollment and graduation.

3. Can student grade lists be posted?

Not unless anonymity can be guaranteed. There are many ways to allow students to access their own grades while ensuring the personal privacy of the other students in a class. If a class is so small that grade holders could be easily identified despite any process to conceal identities, then grade lists should not be posted.

4. Can the University disclose information on former students/graduates?

The *Act* permits disclosure of personal information if it would not be an unreasonable invasion of a third party's personal privacy. It would not be considered an unreasonable invasion of a former student's personal privacy to disclose that he/she had been enrolled at the University or in a particular program; that he/she had received an honour or award (including a degree, diploma or certificate) granted by the University; that he/she had attended or participated in a public event or activity related to the University (e.g., an open house, sporting event or competition, fund-raising activity or cultural event); or that he/she graduated from the University. However, this type of information should not be disclosed if the former student or graduate has asked that the information not be disclosed.

5. Can the Registrar release a student's address/phone number to a faculty member who is teaching the student or to a Counselor at the University?

This information would only be supplied on a "need to know" basis. The *Act* allows for disclosure to an

employee of the University if the information is necessary for the performance of his or her duties. The onus is on the employee to show why this information is necessary.

6. Can an employee of the University ask a student for personal information about the student?

Yes, but only in accordance with the *Act*. The employee would have to show that the information relates directly to and is necessary for an operating program or activity of the University. He or she would also have to inform the student of this purpose and the use to which the information was going to be put and the name of the contact person.

7. Do the personal notes on an examination paper belong to the student who fills in the spaces between questions with their answers?

Personal information includes an individual's personal views or opinions, except if they are about someone else. If the examination paper is going to be used again in the near future and the University can document this fact, then the questions may be severed from the record before releasing the personal information to the student.

8. Can personal notes made during an interview with a student/staff member be withheld from a FOIPP request?

Any information about a student or staff member is that person's personal information and, therefore, accessible under the *Act*. This would not apply if the notes contained the interviewed person's opinions about a third party. There may be occasions when information could be withheld if it would be harmful to someone's health or safety, harmful to law enforcement, or could be construed as advice to another official in the University. Because this could be a complex decision, the advice of the FOIPP Coordinator should always be sought.

9. Are the anecdotal notes made by faculty members about students in a practicum portion of a program considered personal information?

Anecdotal notes and opinions about a person are that person's own personal information. There may be occasions when information could be withheld if it would be harmful to someone's health or safety, harmful to law enforcement, or could be construed as advice to an official in the University. Because this could be a complex decision, the advice of the FOIPP Coordinator should always be sought.

10. Can employees have access, via computer or hard copy, to student information?

Staff should only be accessing student information if they have a need to use that information as a part of their responsibilities. The fact that access to student information is available does not condone unauthorized access to that information.

11. Is the University obliged, in a FOIPP request, to release exam questions and answers? If so, when and under what circumstances?

The University must release questions unless it can show that they are going to be used on an examination or test in the near future. It may also refuse to disclose details of specific tests to be given if disclosure could reasonably be expected to prejudice the use or results of particular tests.

12. If written final exams have to be retained for one year after they are written, can students appeal their final grades up to one year after the exam is written?

No. The requirement to retain final exams for a period of one year is to allow an individual to examine this record and see the information used to make a decision about him or her. It does not affect the University's policy on appeal of grades.

13. Is it permissible to post in the halls of the University the student names and numbers of those who are 'eligible to graduate' to ensure that students know whether or not they have successfully completed or are registered in all the courses required for graduation?

Lists cannot be posted without the University being able to guarantee anonymity, unless students have previously consented to this use/disclosure.

14. Is a verbal consent to use photographs for promotion adequate or should waivers be signed where students are identified or identifiable?

The *Act* makes no provision for verbal consent. If the program in which the student is enrolled or participating is one where such promotion is a reasonable use of a photograph, then this use should be stated in the collection notice provided at the time of collection (e.g. sports teams, music programs, fine arts programs). If the promotion is not a regular part of the program, specific written consent should be obtained prior to use of a photograph.

15. Can the University disclose a student's timetable?

No. A timetable contains information about a student's educational history. It would also contain the student's name and likely, the student's ID number. Consent should be obtained before release unless discretion can be exercised elsewhere in the *Act*.

16. Can the Registrar confirm that a student is registered in a specific program at the University in response to a third party inquiry?

Information about enrollment in a class or program is admissible provided that the student has not asked that this information not be disclosed.

17. Can the Registrar refuse to release an official transcript or diploma to a student who owes money to the University for tuition fees, or for library

Questions of Interest to Employees

books or equipment that has not been returned?

Yes. However, if there is a formal FOIPP request, the University cannot withhold personal information from an applicant that the information is about based on money owed to the University by the applicant. The *Act* provides an applicant with a right of access to any record in the custody or under the control of the University, including a record containing personal information about the applicant. In this case, the University is required to provide a statement of grades to the student. It can refuse to issue an official transcript or official diploma unless the student settles the outstanding account.

18. Can the University share information about students with its students' associations?

Yes, but only to the extent that that an agreement between the University and the Students' Union or the Graduate Students' Association requires information sharing. Sharing personal information without an agreement is likely not a consistent use of information collected from students by the University. Any other sharing should only be done with the consent of the student.

19. Students often ask for copies of documents they submitted in support of their application for admission. This could include high school, college or university transcripts, medical information or reference letters. Does the University have to supply such copies?

A student has a right to the record even though in some cases the documents are ones they originally submitted. It is not automatic that they get the full record as the University has to ensure that it does not disclose personal information which would be an unreasonable invasion of the privacy of a third party or confidential information supplied directly to the University.

20. How should the University deal with telephone inquiries from students about information about their own record?

The University should satisfy itself of the identity of the person calling, perhaps through questions based on the student record the answers to which only the student is likely to know (e.g. courses taken, name of faculty, student number). An address and phone number are not sufficient proof of identity, as they could easily be known by others.

21. In dealing with appeals, complaints and requests for refunds, information must sometimes be obtained on students' attendance and performance and student loan information. Can this collection continue under the *Act*?

The *Act* permits disclosure to an employee of the University in order for that person to perform their duties. The disclosure should be limited to the information needed to do the job and only provided to the individual who has a need to know that information.

1. Are personal records of an employee that are located on University property accessible under the *Act*?

Generally personal records of an employee are not covered by the *Act*. However, if the records of an employee relate to the operational or administrative functions of the University, then the records are the property of the University and are covered by the *Act*. If an employee's records are used in decision making or program activity, then they are considered to be University records and thus, subject to the *Act*.

2. Does an applicant in a FOIPP request have the right to access confidential reviews about him/herself from peers concerning a tenure application?

Normally, applicants can gain access to information about themselves. In some cases, if the information was provided explicitly or implicitly in confidence by the third party, the University may refuse to release that information. If the third party agrees to the release of the information to the applicant, the University would release it.

3. Can a professor, in a FOIPP request, gain access to a written evaluation of him/herself by a student?

Normally, as the professor is the subject of the evaluation, he/she would have access to the information. In some cases, if the evaluation was supplied explicitly or implicitly in confidence, the University may refuse to disclose the information. However, if the personal information about the student evaluator can be severed, then the remaining information could be released.

4. What would the consequences be for an employee of the University who destroyed a record subject to a request with the intent to evade the request?

Destroying any record subject to the *Act* with the intent to evade a request for access is an offense and the individual is liable to a maximum fine of \$10,000.

5. What are the consequences to the University if it does not comply with the FOIPP legislation?

Apart from the embarrassment for a major public institution in refusing to comply with provincial government mandated legislation and any resulting adverse publicity, the Information and Privacy Commissioner has the right to order compliance. In addition, the *Act* allows for fines up to \$10,000 for individuals who:

- willfully collect, use or disclose personal information in violation of the privacy protection part of the *Act*,
- makes a false statement to, or misleads the Commissioner, or his officers or any other person under the *Act*,
- fails to comply with a Commissioner's order, or

- destroys records subject to the *Act* with the intent to evade a request for access to the records.

The IPO will assist faculties, departments and units in ensuring that the University's collection, use and disclosure of information complies with the legislation.

6. When applying for a posted position, is the information contained in the application affected by the *Act*?

Yes. The application is being submitted in response to a request for applications. A decision will be made on whether to short list or interview the applicant based on the information contained in the application. When personal information is used to make a decision about an individual, the information normally must be retained for a period of at least one year to allow the individual an opportunity to review the record and request corrections to it.

7. Performance reviews are carried out annually with accompanying documentation. Are these documents personal information and subject to access? Can they be shared with the President?

Performance reviews are personal information as they form a part of an individual's employment history. Disclosure, in response to a FOIPP request, of information within the review, including accompanying documentation, would be an unreasonable invasion of privacy as it relates to employment history and is a personnel evaluation conducted in a formal manner. Disclosure would be permissible if an officer or employee of the University had a need to know the information to carry out their job or to manage the human resources of the University. It is unlikely that information would be shared with the President unless he needed that information to make a decision about the individual.

8. Can an employee's own personal information be withheld from a FOIPP request in cases where the employee has made a claim against the University?

Although individuals generally have a right to information about themselves, in limited circumstances this may be withheld. The University may refuse to release information that would have an adverse impact on an insurance claim or a suit against the University. The *Act* allows the University to refuse to disclose information that could reasonably be expected to harm its economic interests and specifically, result in financial loss to the University or interfere with negotiations to settle the case. Note that the University must be able to demonstrate the likelihood of harm to its interests.

9. Can personal information be collected about an employee in an internal investigation without their permission?

Yes, in certain circumstances. The *Act* allows for indirect collection for the purpose of law enforcement, and for management and administration of personnel. The definition of 'law enforcement' includes a security or administrative investigation that leads or could lead to a penalty or sanction or proceedings that lead or could lead to a penalty or sanction. In both cases, the penalty or sanction could be imposed by the University or by another body to which the results of the investigation are referred.

10. How long must application forms or resumes for unsuccessful candidates or unsolicited application forms or resumes be kept?

If a faculty, department or unit uses the application form or resume to make a decision about the individual, it must be retained for at least one year. If the form or resume was used to make a decision about hiring, or not hiring, then it must be retained. Applications or resumes that come from unsolicited sources would only be retained if they were considered in the process of a personnel search.

11. Will internal memos that contain recommendations and refer to an individual by name be available in a FOIPP request made by that individual?

Generally information about an individual is available to that individual, but this is not an unfettered right. Discretion exists to withhold information in the following circumstances:

- When, in the opinion of a qualified professional, the information could reasonably be expected to result in harm to the applicant's health or safety.
- When the information consists of a confidential evaluation of the applicant compiled solely to determine suitability for employment or for purposes of a formal employee evaluation process.
- When the information consists of advice or recommendations related to the applicant (e.g. disciplinary recommendations).
- When the information is contained in plans relating to the management of personnel or the administration of the University that have not yet been implemented (e.g. human resource plans).

12. Can the University disclose personal information about faculty members and non-academic staff to their respective employee associations?

The *Act* authorizes the disclosure of certain information in order to comply with the terms of a collective agreement. The terms and conditions of those agreements would govern what and how much personal information must be disclosed. The *Act* allows for

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List of FOIPP Liaison Officers (FLOs)

alphabetical by faculty, department, or unit.

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additional disclosure to the representative of a bargaining agent who has been authorized in writing by an employee to make an inquiry about the employee's own information.

13. Can the personal information (such as telephone number, timetable, address etc.) of employees be disclosed to a third party?

Disclosure of the business address and telephone number of a staff member is not considered an unreasonable invasion of privacy. The timetable of a staff member could be considered to be a part of that person's "employment responsibilities" and would thus also not be considered an unreasonable invasion of privacy.

14. Can the salary information of the University employee be disclosed to a third party in response to a FOIPP request?

The *FOIPP Act* allows for disclosure of salary ranges for University employees, but not specific salary figures. The release of information about a person's classification, salary range and discretionary benefits as an officer or employee of the University does not constitute an unreasonable invasion of personal privacy and, as a consequence, would have to be disclosed in response to a formal request under the *Act*.

Academic Support Centre	Ellen Neumann	Epicore Centre	Paula Priest	Pediatrics	Gordon Langer
Agriculture, Forestry and Home Economics	Linda Prud'homme Helen Steinke Iva Spence	Extension Faculty	Bob Smyth Emille Currie	Perinatal Research Centre	Eileen Marco
Agriculture, Food and Nutrition	Judy Carss	External Affairs	Lori Bennett	Pharmacology	Judy Deuel
Alberta Cord Blood Bank	Pam-ella Pankiw	Faculte Saint-Jean	Jocelyn Rinn	Pharmacy Faculty/ Continuing Pharmacy Education	Lynn Laviolette
Alumni Affairs	Lori Bennett	Family Medicine	Olga Szafran	Philosophy	Anita Theroux
Anaesthesia	Cynthia Cordery	Financial Services	Ellen McLeod	Physical Medicine and Rehabilitation	Shari Barham
Anatomy	Monica Wenger	Gastroenterology	Charles Morrison	Physical Education and Recreation	Joe Daniel
Anthropology	Cheryl Luchkow	Graduate Studies and Research Faculty	Alice Glassford	Physical Plant	Tom Moore
Art and Design	Stan Szykowski	Health Law Institute	Nina Hawkins	Physics	Mark Henderson
Arts Faculty	Mary Delane	Health Sciences Animal Lab Services	Toni Bayans	Physiology	Michelle Babiuk Ortella Findlay
Arts Faculty – Student Programs Office	Robin Cowan	Health Sciences Development Office	Joanne McKinnon	Political Science	Audrey Bell-Hiller
ASRP	Gwen Bauer	Health Sciences Library	Iris Richardson	Population Research Lab	Kelly McGuirk-Petryk
Bibliographic Services	Florence Kuby	History and Classics	Louise Jenkins	Prairie Centre for Excellence for Research on Immigration and Integration	Kelly McKean
Biochemistry	Gail Redmond	Housing and Food Services	Wendy Saunders	Provincial Lab	James Talbot
Biological Science	Jeffrey Hoyem	HUB International Marketplace	Marlene Hamblin	Psychiatry	Anthony Joyce
Biomedical Engineering	Maisie Goh	Human Ecology	Linda Capjack	Psychology	Jan Zielinski
Biomedical Engineering/NMR Unit	Carol Tymchuk	Human Resource Services	Phyllis Kozak	Public Health Sciences	Mary Tweedie
Biosciences Animal Services	Donald McKay	Humanities and Social Sciences Library	Jean Hamblin Sandra Castellarin	Public Affairs	Lori Bennett
Board of Governors	Louise Shulko	Industry Liaison Office	David Norwood	Radiology and Diagnostics	Jan Dawson
Bookstore	Wayne Anderson	Infectious Diseases	Charles Morrison	Real Estate Services	Teresa Powell
Budget and Statistics	William Cairns	Information Technology Services – Library	Rita John	Registrar and Student Awards	Ken Halbach
Business Faculty	Fay Alexander	Interlibrary Loans	Alexis Gibb	Rehabilitation Medicine	Anita Yates
Campus Security Services	Susan MacGregor	Internal Audit Department	Bob Lindberg	Renewable Resources	Judy Jacobs
Canadian Forum on Civil Justice	Cheryl Holowaty	International Centre	Sharon Schultz	Research Grants Office	Lynda Brulotte
Canadian Institute of Ukrainian Studies	Eleanor Witiuk Khrystia Jendyk	International Programs	Bonnie Motyka	Risk Management	Linda Dudley
Career and Placement Services	Wendy Coffin Vera Missen	International Relations	Bonnie Motyka	Rural Economy	Marilou Stegmeier
Canadian Circumpolar Institute	Cindy Maison Elaine Maloney	International Ombudsman Institute	Diane Callan	School of Native Studies	Beverly Findlay
Cell Biology	Colleen Langard	Institute of Geophysics, Meteorology and Space Physics	Mark Henderson	Science Faculty	Arnold Adam
Centre for Constitutional Studies	Christine Urquhart	J.P. Das Development Disabilities Centre	Darlene Haverstock	Science and Technology Library	Peggy Morgan
Centre for Health Promotion Studies	Sharon Pomeroy	John Dossiter Health Ethics Centre	Eileen Crookes	Secondary Education	Mary Ellen Compton
Chemical and Materials Engineering	Shantel Markin	Laboratory Medicine and Pathology	Jennifer McPhee	Services for Students with Disabilities	Melanie Lizotte
Chemistry	Tom Brisbane	Language Resource Centre	Catherine Dechaine	Sexual Assault Centre	Kris Fowler Barbara Lamb
Civil and Environmental Engineering	Linda Padgham Cheryl Erickson	Law Faculty	Diane Tait	SLOWPOKE Reactor	John Duke
Clinical Hematology	Sandra Stevenson	Learning Systems Enterprises	Leslie Latta-Guthrie Christina Johansson	Sociology	Rick Mikalonis
Clinical Sciences, Education	Darlene Haverstock	Library and Information Studies	Darlene Syrotuik	Special Sessions	Karen Bower
Comparative Studies	Jeanette Rousseau Lois Larson	Library Administration	Doris Ferguson	Student Counseling Services	Barbara Lamb
Computing and Network Services	Marianne Aldridge	Linguistics	Dianne Kudryk	Student Financial Aid and Information Centre	Erika Schulz
Computing Science	June MacLellan	Math	Charlotte Giordano	Substance Abusology	Leona Laird
Continuing Medical Education	Olga Nixon	Mechanical Engineering	Helen Wozniuk	Subatomic Research	Mark Henderson
Coutts Library	Vicki Barrow	Medical Lab Science	Jennifer McPhee	Supply Management Services	Barb Hubbard
CRAME	Darlene Haverstock	Medical Microbiology and Immunology	Marissa Wohlbebe	Surgery	Therese Vandenbroek
Critical Care	Richard Johnston	Medicine and Dentistry Faculty	Philip Stack	Surgical-Medical Research Institute	Rosemarie Henley
Dean of Student's Office and Student Ombudsman	Kevin Friese Sean Kennedy	Medicine Faculty – Research	Colleen Iwanicka	Technical Resource Group	Cindy Medele
Development Office	Lori Bennett	Medical Genetics	Anna Minarchi	Technology in Education	Pat Routledge
Devonian Botanic Garden	Dale Vitt	Medicine Department – Administrative Services	Charles Morrison	Undergraduate Medical Education	Silvia Franklin
Division of Studies in Medical Education	Linda O'Dowd Brown	Modern Languages	Jan Chalk	Undergraduate Student Services	Helen Webb
Drama	Sandy McFayden	Music	Donna Maskell	University Health Centre	Perry Thorbourne
Earth and Atmospheric Sciences	Genevieve Johnston	Native Student Services	Denise Ward Charlene Longmore	University Secretariat	Karen Schiltroth
East Asian Studies	Sharon Mackenzie	Neurology	Kath McKenzie	University Teaching Services	Bente Roed Laura Connell
Economics	Louise Edwards	Neurosciences Division	Carol Ann Johnson	University Archives	Bryan Corbett
Education Policy Studies	Chris Prokop	Nursing Faculty	Donna Herman	University Senate	Diane McQuillan
Education	Joyce Hiller	Obstetrics and Gynaecology	Florence Miskiw	University Veterinarian	Donna Ellis
Educational Psychology	Darlene Haverstock	Office of the Dean of Students	Pattie Klieber	Vice President (Academic)	Marion Haggarty-France Fran Trehearne
Electrical and Computer Engineering	Maureen Lebrecht	Office of Human Rights	Catherine Anley Janet Smith	Vice President (Finance and Administration)	June Butt Francois Bouman
Elementary Education	Al Kiffiak	Office of the President	Jackie Dungavell	Vice President (Research and External Affairs)	Katharine Moore
Emergency Medicine	Diane Milette	Oncology	Cynthia Henderson	Weir Library	Shelley Brown Janet Janke
Engineering Co-op Centre	Carolyn Ottosen	Ophthalmology	Holly Ridyard	Western Canadian Centre for Studies in Deafness	Darlene Haverstock
Engineering Faculty	Richard Green	Oral Health Sciences	Michael Austin	Women's Studies Program	Cheryl Luchkow
English	Kris Calhoun	Parking Services	Kim Tautchin		
Environmental Research and Studies Centre	Beverly Levis				

Academic All-Canadians all over U of A

By Dan Carle

They should probably change the office name from Athletics and Recreation to Academics, Athletics and Recreation because school is cool among Alberta athletes.

Take Sarah Joly for example. She's a three-time Academic All-Canadian of the Year champion and was last season's Canadian Interuniversity Athletic Union's (CIAU) Player of the Year in women's soccer. She is 22 years old and prepared for her fifth and final university season. She isn't done yet.

"I want to win. I've come back to win," said the quiet striker, who has written herself into the record book by winning three of the first four Yetman Memorial awards. Joly, a graduate in rehabilitation medicine in April, is playing her fifth season as a special student, which she certainly is.

"Secret? No. I just enjoy doing what I'm doing so it's easy to do well. It's not a chore. It's easier to apply yourself," she said. This perspective gave her four consecutive Academic All-Canadian selections and the Canada West scoring title last season. She scored eight goals in ten conference games. She also helped the Pandas win the 1997-1998 CIAU title, which she followed with the 1998-1999 CIAU Player of the Year and Canada West MVP awards. She also played on the Canadian National Women's Soccer team in the Women's World Cup last summer throughout the United States.

Joly is one athlete, one student, with experiences and discipline beyond compare—a person who possesses perspective beyond her years.

"There are other things besides sport, and at the end of five years, you need to finish with a degree and know what you're doing so when you get out to the workforce it's not such a shock."

Before she enters the workforce, Joly will likely elect to stay in school, choosing either medicine or an MBA program, once her athletic career closes in November.

"I'm going to enjoy this last year then make some big decisions when it's all over."



Joly: discipline beyond compare and perspective beyond her years.

Overall, the University of Alberta finished with 82 Academic All-Canadians in 1998-1999, the second-top academic ranking for the year among the Canadian Interuniversity Athletic Union's (CIAU) 47 interuniversity programs.

The final line on the 1998-1999 athletic season for Alberta: three national titles, eight national medals, five conference championships and 82 Academic All-Canadians.

"It is all about hard work, just like athletics. It means that they worked hard," said Ian Reade, director of athletics and recreation.

Alberta led the national honor scroll for seven of the nine years of the Academic All-Canadian program, finishing second in the other two seasons.

Athletics and Recreation honored its 1998-1999 Academic All-Canadians at a ceremony Sept. 16 at the Faculty Club. Sarah Joly from the Pandas soccer team was named winner of the Kathlene Yetman Memorial Trophy as University of Alberta Female Academic All-Canadian of the Year. Joly won the award for a third consecutive season.

Carlo Panaro, a dual sport athlete from both Golden Bears football and wrestling, earned the Mark Goodkey Memorial Trophy as University of Alberta Male Academic All-Canadian of the Year. Panaro wrestled for Canada at the Pan-Am Games and made the CFL's Saskatchewan Roughriders but turned them down in order to attend medical school at Alberta (but that's another story).

Athletics houses the braintrust, not just the brawntrust.

"It's a pride thing," Reade said. ■

Culture and arts: surviving in a wired world

Global Culture and Arts Communities symposium examines survival in a technology-driven world

By Dan Rubinstein

What would our city be like, Christina Tozer of the Edmonton Arts Council ponders aloud, if all the art and culture we've become so attached to over the years were to suddenly vanish?

"If you took away every painting in every building, even just for a few months, you'd be left with a shell," she says. "There wouldn't be any character left."

Although nothing this drastic is likely to occur in Edmonton, the city's arts community is, in a manner of speaking, under siege. The powerful forces of globalization—including the 500-channel universe and the Internet—are putting new pressures on arts groups worldwide.

How these organizations, and the often unique culture they breed, can survive and flourish amidst this wave of technology-driven homogenization is a question scholars are only now starting to tackle.

The Global Culture & Arts Communities symposium, being held at the Timms Centre for the Arts, Oct. 13 to 17, will delve deep into these waters in an attempt to help Edmonton preserve its vibrant culture long into the next century.

"There is a sense of democracy, a sense of inclusiveness to art," says Tozer, the arts council's director of marketing, who's also producing the symposium. "But we think local communities might really be threatened by globalization. So we want to explore the nature of community and develop concepts about it—because in this northern city, art really can help bind us together."

Tozer expects to attract at least 200 people to the symposium, of which the U of A is one of the sponsors, with registration fees slotted at an accessible \$100. Nearly 30 speakers from various branches of academia and the arts from across Canada will make presentations and lead panel discussions.

Dr. Derrick de Kerckhove, director of the McLuhan Program in Culture and Technology at the University of Toronto, will deliver the keynote address on Oct. 13. He'll look at the characteristics

of arts communities in the past and the role of the artist in creating a sense of community.

Other highlights include a presentation by Dr. Michael Asch, a University of Alberta anthropology professor emeritus, who'll talk about his experiences growing up in the Greenwich Village folk music scene of the 1950s.

David Barnet, a U of A drama professor who recently returned to full-time teaching from the theatre world, will moderate a discussion on the effects of the shift to "wired" audiences. It's a subject the symposium is quite concerned about. But Barnet, an accomplished actor who has witnessed firsthand the power of live audiences, is convinced nothing can strip our city of its spirited culture.

"The theatre cannot die," he says, plucking just one example from Edmonton's arts rainbow. "There is a need for it. It cannot be supplanted."

We know how
technology has enabled
us to go global in terms
of transmitting culture
all over the world. But
we haven't been able to
explore very much what
this means to people.

—Dr. Regula Qureshi

Dr. Regula Qureshi, who holds a doctorate in anthropology and recently founded the U of A's Centre for Ethnomusicology, will participate in a panel discussing questions such as, "What is community?" and "What is a true community of artists?"

"The notion of an arts community is really important in relation to globalization and how it affects culture," says Qureshi, also one of the symposium's planners. "We know how technology has enabled us to go global in terms of transmitting culture all over the world. But we haven't been able to explore very much what this means to people."

Canada, she adds, is an ideal place to study this subject. Because of the way so many different cultures mix together, this country is a prime example of how arts communities contribute to identity—and perhaps a model other nations can follow, as we work to preserve our culture into the next millennium. ■

For further information on the Global Culture and Arts Communities symposium, or to register, please call 424-2787 or view www.edmontonarts.ab.ca/symposium.

Henry Marshall Tory Chair

The University of Alberta has a clear vision: to be indisputably recognized nationally and internationally as one of Canada's finest universities. The university plays an integral role in the educational, business, and cultural life of Alberta through the impact of its integrated mandate of teaching, research and community service. In excess of 4,500 courses are offered in 16 faculties at the University of Alberta, where more than 30,000 students are enrolled.

The University of Alberta invites nominations and applications for a Henry Marshall Tory Chair in any area of the Humanities, Fine Arts or Social Sciences, including Business, Law, Education, Library Science, Home Economics and Physical

Education. The Tory Chairs are intended for outstanding individuals who by their presence will enhance the reputation of the university and who can provide leadership and experience for the strengthening of teaching and research in specific disciplines.

Nominations or applications on behalf of or from distinguished individuals with international reputations interested in this Chair should be submitted by November 1, 1999 to:

Vice-President (Academic) and Provost Office
The University of Alberta
Third Floor, University Hall
Edmonton, Alberta, Canada
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Location: Alumni House, University of Alberta

Time: 5:00 to 6:00 pm

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Environmental Research and Studies Centre Seminar Series

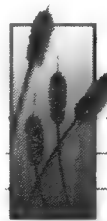
All seminars begin at 4:30 P.M.
Students' Union Building - Alumni Room

Tues, Sept 28	Dr. David Sugden Chair, Dept. Geography University of Edinburgh	The landscape of the Transantarctic mountains and its implications for Antarctic Ice Sheet Evolution
Thurs, Oct 7	Dr. Elaine Wheaton Saskatchewan Research Council and University of Saskatchewan	Agricultural Adaptations in a Changing Climate
Thurs, Oct 14	Dr. Ted Boadway Executive Director, Health Policy Ontario Medical Association	Health Effects of Ground-level Ozone, Acid Aerosols & Particulate Matter
Thurs, Oct 21	Dr. Colin Soskolne Public Health Sciences, University of Alberta	Toward Measuring Whether Ecological Disintegrates Impacts Human Health
Thurs, Nov 4	Dr. Dale Vitt Biological Sciences, University of Alberta	Permafrost in the Boreal Forest: An Important Case Study in Climatic Change
Thurs, Nov 18	Dr. Robert Page Vice President, Sustainable Development, TransAlta	International Politics of Global Climate Change Science

Free Admission

Refreshments to follow

Contact: Beverly.Lewis@ualberta.ca
http://www.ualberta.ca/ERSC
Tel: 492 5825



**Environmental
Research and
Studies Centre**

This series is made possible by funding from TransAlta.

Giving vulnerable hearts 'NO' chance

Fighting infections with nitric oxide

By Kathleen Thurber, AHFMR

This article originally appeared in the Alberta Heritage Foundation for Medical Research Newsletter.

One of the greatest risks for frail or elderly patients recovering from major surgery, disease or injury is infection. Sepsis, the umbrella term for the spread of infection throughout the body, is one of the biggest killers in North American intensive care units. Despite treatment ranging from antibiotics to ventilation to surgery, 40 to 60 per cent of sepsis patients die, usually from multiple organ failure as a result of septic shock.

The high mortality rate and the lengthy recovery time for patients who survive infection are priority concerns in every hospital. New technologies and drugs offer hope of improving survival rates, but complicating factors include hospital-acquired infections and rising resistance to traditional antibiotics worldwide.

The only assurance for effective treatment in the future lies in ongoing biomedical research. Heritage researcher and U of A's Dr. Richard Schulz investigates the basic biochemical functioning of cells, in particular heart cells, in cases of sepsis. He proposes if the response to serious infection could be identified at the cellular level, therapies could be developed to alter these reactions. In other words, it may be possible to alter the body's reaction to the biochemical processes of infection—a different approach to treatment than fighting the causes and progress of infection.

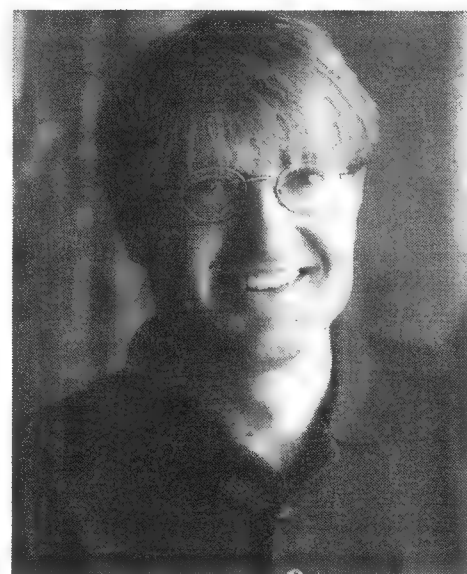
When severe infection invades, the body goes into a state of emergency. Defence forces, such as white blood cells in the immune systems, are rallied. Mediator cells are mobilized to control cellular response to both infection and immune system messages. One of the arsenal of weapons the body uses to combat invaders is nitric oxide (NO).

As a post-doctoral fellow, Schulz investigated NO, an important molecule that has many roles in the body, including the regulation of blood-vessel and heart function. For years, scientists thought NO was made exclusively in blood vessels and then migrated to heart muscle cells where it controlled contractions. About a decade ago, scientists began to speculate NO was also made in the heart, and therefore had an even more direct control over heart function.

"White blood cells, in response to immune activation, start making huge amounts of NO which is used to kill off the pathogen. Heart cells, too, appear to have this ability to produce massive amounts of NO. But one of the properties of NO is that, in excessive amounts, it damages tissue. This is the lesser of two evils," says Schultz. "On one hand, without NO, a heart-cell-attacking virus would completely destroy the heart. On the other, with the extra NO production, the heart is trying to fight back, even if it gets damaged by the very weapon it is using."

During the time Schulz was a post-doctoral fellow, laboratory experiments showed when NO production in the heart was blocked during sepsis, dangerously low levels of blood pressure were restored to normal within minutes.

"People at that time thought this NO blocker could be a magic bullet for the treatment of sepsis," he says. "But sepsis



Heritage researcher and U of A's Dr. Richard Schulz.

isn't just a problem of low blood pressure. It's a situation where the heart's function as a pump is depressed." Exactly what role NO played in impeding the pumping function intrigued him. His subsequent research showed when toxins similar to those in sepsis were introduced to the heart, a form of NO was produced by heart tissue that contributed to depressing heart function.

Schulz's work in NO biology and heart function led to collaborations with clinical researchers at the University of Alberta, some in the area of pediatrics.

One of the projects he worked on with pediatric cardiologist Dr. Ruth Collins-Nakai was an investigation into the causes of heart tissue injury after bypass surgery. Reperfusion, the medical term for the practice of diverting warm blood back into the heart after it has been stopped during surgery, can cause temporary or permanent

injury to heart tissue (called reperfusion ischemia), which can in turn jeopardize recovery. Excess NO production by heart cells was again the culprit, but not the only culprit.

Worldwide research in the field of free radicals (destructive molecules formed as by-products of normal bodily processes but formed also from toxins and disease) led to the discovery that when the heart produces excess NO, it also produces other free-radical compounds like superoxide.

Superoxide is not toxic to cells by itself, but when it combines with NO, the result is peroxynitrite, a substance that decomposes within the body to form

destructive oxidant molecules which target the membranes, proteins, and the genetic machinery of cells. What Schulz has shown is reperfusion injury can be reduced by two approaches: stopping the excess production of NO with drugs and when blocking superoxide production.

Schulz thinks that peroxynitrate is also involved in depressing heart function during septic shock. Certainly peroxynitrate "scavenger" drugs seem to be useful in treating septic shock. Now his task is to hone in on how exactly peroxynitrate works in the hope of developing therapies to target proteins affected by it. Schulz is pursuing this line of research and hopes to have results within the year. ■

Dr. Richard Schulz is a Heritage Senior Scholar at the University of Alberta. He also receives funding from the Medical Research Council of Canada and the Heart and Stroke Foundation of Alberta and the Northwest Territories.

One of the arsenal of
weapons the body uses
to combat invaders is
nitric oxide (NO).

ALBERTA HERITAGE
FOUNDATION FOR
MEDICAL RESEARCH



United Way campaign on its way

By Lucianna Ciccocioppo

The University of Alberta knows a thing or two about campaigns. So it's no surprise the 1999 United Way campaign has already reached \$141,000, including early donations of \$2550 thanks to students and staff.

The money started pouring in early in the year, with a fashion show held by the Business Students' Association pulling in \$1400; Christmas tree sales last December brought in \$900 for the 1999 campaign and the Human Resources Services "Buck-a-Burger" barbecue racked up \$250.

A good start to a \$240,000 campaign goal—a goal which also includes a 20 per cent staff participation rate and 135 Merrill Wolfe leaders (donors of more than \$600.)

"It's a wonderful opportunity to unite the campus," says Associate Vice-President (External Affairs) Susan Green, one of four co-chairs. "At the first United Way meeting with representatives from across campus, I saw real dedication there. People are committed to making a difference, at all levels—faculty, staff and students."

On board for the third year is campaign co-chair Myrna Snart, development officer in the Faculty of Agriculture, Forestry and Home Economics.

"The United Way serves an important role in our community: helping organizations deliver social services that we, our friends and neighbors currently access or may need in the future," says Snart. "It's focused on providing a caring, vibrant community—the kind of place I want to call 'home.'"

For Anita Moore, it was an opportunity she just couldn't pass up. "I come from a family with a long history of community involvement. Over the years I have been and continue to be involved in a number of organizations which have the potential to make our community stronger and help people participate fully in the community," says the administrative assistant in the Department of Speech Pathology and Audiology. "I have

been a strong supporter of the United Way during its tenure on campus. With my Board of Governors term winding down, I was looking for another way to get involved in making the link between the University of Alberta and the community at large...so here I am."

Laurence Decore to receive honorary degree

Laurence Decore, former Edmonton Mayor and Alberta Liberal Party leader, will be one of several distinguished Canadians to receive an honorary degree at convocation ceremonies Nov. 17 and 18.

A graduate of the arts and law faculties at the U of A (1961 and 1964), Decore has had an impressive career in law, business, community service and politics. Best known for his political service, he was elected Edmonton city councillor in 1977, mayor in 1983 and was re-elected mayor in 1986. In 1988 Decore won the leadership of the provincial Liberal party, was elected to the provincial legislature a year later and re-elected in 1993. He has been director of several private companies, is a principal owner of Canada Brokerlink, and has served as chair of the Canadian Multiculturalism Committee.

Others to receive honorary degrees are Dr. Fraser Mustard, founding president of



Raring to go: 1999 United Way campaign co-chairs (clockwise from back right) Susan Green, Allan Tupper, Anita Moore and Myrna Snart.

Also rounding out the foursome as a campaign co-chair is political science professor, Dr. Allan Tupper.

There are a variety of events to help draw support, such as the Turkey Trot, Sub Days, book sales and other socials where faculty, staff and students can participate. In fact, some students are some of the United Way's strongest supporters.

"Many students are already philanthropists," says Snart. "They are role models for many U of A employees who think they can't spare the five or ten dollars a month to share with those in our Edmonton community who find themselves in need of a service provided through United Way funds."

Moore says fundraising for the United Way is an easy sell. "People really need to know the United Way is a dynamic organization which seeks innovative solutions to community problems. When I talk to people I always try to make sure they know about initiatives such as the In-Kind Centre, Tools for School and Coats for Kids campaigns—part of the overall United Way campaign but ways people can contribute besides giving money," says Moore. "People at the lower end of the economic scale need to know that they can make a difference even though they may have limited financial resources at their disposal." ■

the Canadian Institute for Advanced Research (CIAR), and Edmonton philanthropist Harriet Winspear. As a physician and esteemed researcher, Mustard has helped train medical doctors at McMaster University, where he served as dean and vice-president of health sciences. He serves on the boards of several public and private institutions and in 1982 founded the CIAR, a research network with more than 160 researchers around the world.

Harriet Winspear is well known for her voluntary contributions to Edmonton and surrounding area. She has funded several scholarships in the Faculties of Arts and Business, and tirelessly promotes young musicians and staff in the music department. Winspear received the YWCA Woman of Distinction Award and was named an Edmonton Rotary Club Paul Harris Fellow. ■

COME CELEBRATE

All students and faculty members are invited to celebrate with Clare Drake, Eric Geddes, Willie Littlechild and Robert Steadward as they are inducted to the Alumni Wall of Recognition.

Thursday, September 30
Complimentary Reception

4:30pm, Horowitz Theatre, SUB
Induction Ceremony

5:30pm, Horowitz Theatre, SUB
Post-Induction Celebration

6:15pm, Alumni Lounge, SUB

To RSVP or for more information call the Office of Alumni Affairs at 492-3224.

Learn Adobe Photoshop

For faculty, staff, and students

Introduction to Adobe Photoshop Ver. 4.0 will be offered at the Technology Training Centre. Students will learn the basics of inputting, editing, and outputting images for print and web use.

Starts: September 22, 1999
Course runs: 6 Wednesdays 6 - 9PM
Location: B-01 Cameron Library
Cost: \$135.00

For course content information contact Tom Turner at 407-8968 or email: tturner@mercury.uah.ualberta.ca

Call 492-1397 to register

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- Do you have severe PMS, Chronic Myofascial Pain Syndrome, Fibromyalgia Syndrome, or Chronic Fatigue Syndrome?
- Told that you will just have to learn to live with it?
- Want to get your life back?

Myosymmetries can help!

Myosymmetries clinics in Edmonton and Calgary are pioneers in the use of EEG biofeedback and EEG-Driven Stimulation in the treatment of Chronic Pain, severe PMS, Fibromyalgia and Chronic Fatigue Syndrome. Using a combination of physiological and psychological technologies, Myosymmetries clinics have successfully treated hundreds of such people; with over 85% reporting an increase in restorative sleep, a decrease in fatigue, a sharpening of thought processes, a reduction in depressive and irritable mood, a decrease in overall pain, and a regaining of the life they thought they had long lost.

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CANADA POSTES

Win tickets to the ESO

Edmonton Symphony Orchestra

First telephone caller to Public Affairs wins two pairs of tickets to **Saturday for Kids**, featuring Charlotte Diamond, on **Saturday, September 25, 2 p.m.** at the Winspear Centre.

Please call 492-2325 to claim your ESO tickets!

UNIVERSITY OF ALBERTA

DIRECTOR UNIVERSITY PRESS

The University of Alberta is one of Canada's largest research-intensive universities with an enrollment of more than 30,000 students, seeks accomplished candidates for the position of Director of the University of Alberta press. This is a senior Administrative and Professional Officer appointment with a 1999/2000 salary range of \$43,102.00 - \$64,654.00.

Founded in 1969, the University of Alberta Press has over 180 titles in print and annual book sales in excess of \$400,000. The Press publishes scholarly works in topics that focus on the West and North. In addition, the press has a tradition of producing academically sound books on topics of general interest and publishing active to the trade.

The Director of the Press reports to the Executive Director, Learning Systems Enterprises and operates within the portfolio of the Vice-President (Academic) and Provost. The University of Alberta Press is also guided by the University Press Committee, which is the guardian of the imprint.

The successful candidate must be fully cognizant of book publishing prior to the advent of new technologies, as well as new technologies and their effect on scholarly publishing. The Director must provide creative solutions to these challenges and be prepared to assess, redefine and reposition the Press in the current stream of scholarly communication. The Director will work as part of a larger University team to ensure that the Press can carry forward the University of Alberta's research mission in an effective and well supported manner on behalf of the University community, understanding that a University can be a powerful agent for advanced learning. The Press must address the key missions of the University: research, teaching and community development.

Qualifications:
 The ideal candidate will be an effective communicator and an astute business manager with extensive experience in publishing, either trade or scholarly, and is conversant with all its aspects, including marketing and distribution of products. Sensitive to the needs of scholarship as well as to the demands of the trade, and having a proven ability to attract and work with a variety of authors, the preferred candidate will be an organized project manager with knowledge of sound financial planning and experience in building effective teams around specific projects.

The University of Alberta is committed to the principle of equity in employment. As an employer, we welcome diversity in the workplace and encourage applications from all qualified women and men, including Aboriginal peoples, persons with disabilities and members of visible minorities.

Replies, which will be treated in strict confidence, should provide details of education, experience and personal data, should be directed to Mr. Rick L. Harvey, CMC, quoting **File #53051** at:

Western Management Consultants

1500, 10250 - 101 Street, Edmonton, Alberta, T5J 3P4
 Fax: (780) 429-0256 Email: harvey@wmc.ca

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talks

Submit talks to Brenda Briggs by 9 a.m. one week prior to publication. Fax 492-2997 or e-mail at public.affairs@ualberta.ca.

DEPARTMENT OF BIOLOGICAL SCIENCES

September 22, 12:00 noon
 Physiology, Cell and Developmental Biology Research Group (part of the Biology 642 seminar series). Gerda de Vries, "The Hodgkin-Huxley Foundation for the Study of Membrane Excitability: Application to Bursting Oscillations in Pancreatic Beta Cells." Room B-105 Biological Sciences.

September 24, 12:00 noon
 Ecology Seminar Series (part of the Biology 631 seminar series). Graeme Taylor, "Biomechanics of Cancer crab claws." Room M-137 Biological Sciences

DEPARTMENT OF BIOMEDICAL ENGINEERING

September 22, 5:30 - 6:30 pm
 Dr. Robert G. Guidoin, Laval University, "Biomaterials for Cardiovascular Applications." Room C-231 Civil/Electrical Engineering Building.

DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

September 23, 4:00 pm
 Dr. John Perkins, Imperial College, London, UK, "Trends in Process Systems Engineering." 344 Chemical and Materials Engineering Building.

September 24, 4:00 pm
 Dr. John Perkins, Imperial College, London, UK, "Towards the Rational Selection of the Structure of Process Control Systems." 344 Chemical and Materials Engineering Building.

DEPARTMENT OF CHEMISTRY

October 4, 11:00 am
 1999-2000 Bio-Mega/Boehringer Ingelheim Lecture Series: Professor Ian Scott, Texas A & M University, "Genetically programmed synthesis of natural products." Room V-107 Physics Wing.

DEPARTMENT OF COMPARATIVE LITERATURE, RELIGION & FILM/MEDIA STUDIES

Sept. 23 - Oct. 4, 3:00 pm - 5:00 pm
 Lecture Series, Professor Robert Carroll, Dept of Theology & Religious Studies, University of Glasgow, Scotland. Sept. 23: "Introduction: Language and Discourse of Biblical Prophecy." Sept. 24: "Apocalyptic Amos." Sept. 27: "Hospitable Hosea." Sept. 28: "Mentoring Micah." Sept. 29: "Insightful Isaiah." Sept. 30: "Jeremiah's Jeremiad." Oct. 1: "Erotic Ezekiel." Oct. 4: "Conclusion: The Symbolic Discourses of Biblical Prophecy." All lectures in Tory 1-103.

DEPARTMENT OF ENGLISH

September 20, 11:00 am
 "I am a Place": Landscape as Female Body and Search for Identity in Margaret Atwood's Surfacing. Humanities Centre 4-29.

DEPARTMENT OF PHARMACOLOGY

September 20, 4:00 pm

Dr. M. Wozniak, School of Medicine, Wroclaw, Poland, "Matrix metalloproteinases as an index of clinical disease." Room 9-68 Medical Sci. Bldg.

DEPARTMENT OF PHILOSOPHY

September 17, 3:30 pm
 Philosophy colloquium: Jeff Pelletier, "Is Irrationality Impossible." Room 4-29 Humanities.

September 24, 3:30 pm
 Philosophy colloquium: Wendell Kisner, PhD, DePaul University, "Hegel's Logic of Life and the Preservation of Species." Room 4-29 Humanities.

DEPARTMENT OF PHYSICS

September 17, 3:15 pm
 Colloquium: Dr. Tim Spanos, "From Fundamental Physical Theory to Commercial Technologies: a Path Seldom Followed." Room V-129 Physics Wing.

September 24, 3:15 pm
 Colloquium: Dr. Faqir C. Khanna, "Future of Physics: A Perspective." Room V-129 Physics Wing.

ENVIRONMENTAL RESEARCH AND STUDIES CENTRE

September 28, 4:30 pm
 Dr. David Sugden, University of Edinburgh, "The landscape of transantarctic mountains and its implications for Antarctic Ice Sheet Evolution." Alumni Room, SUB.

FACULTY OF LAW

September 24, 12 noon - 1:00 pm
 Leitch Lecture, the Hon Rosalie S. Abella, Justice of the Court of Appeal for Ontario, "Human Rights for Women: A Generation of Change." 237 Law Centre. Refreshments. RSVP 492-5590. E-mail: deansec@law.ualberta.ca

September 28, 12 noon - 1:30 pm
 Bowker Lecture, Professor Leonard Leigh, "Rectifying Miscarriages of Justice: The Work of the Criminal Cases Review Commission." 231 Law Centre. Refreshments. RSVP 492-5590. E-mail: deansec@law.ualberta.ca

MEDICAL GENETICS

September 29, 1:00 pm
 Dr. Verna Yiu, Pediatrics and Nephrology, "An update on genetic renal diseases." Room 2-07 Heritage Medical Sciences Centre. Information: Dr. R. Wevrick, 492-7908.

SIGMA XI, UOFA CHAPTER

September 29, 7:45 pm
 Tom Chacko, Department of Earth and Atmospheric Sciences, "Granites and continents: A cook and look approach to geology." 2-35 Corbett Hall

TEACHING SUPPORT & RESEARCH OFFICE

September 24, 12:00 - 1:00 pm
 Teaching Matters Series: Rick Bowers, Dept of English, "Marking and/as Communication." 6-102 Clinical Sciences.

Louis D Hyndman Sr Lecture and Awards

Farm Animal Welfare and Production

Monday, October 4, 1999

Jubilee Auditorium

- Banquet Room

11455 - 87 Avenue, Edmonton, Alberta

The Lecture and Awards were established in 1994 by the University of Alberta Animal Policy and Welfare Committee with a bequest from Louis D Hyndman Sr. These events commemorate his lifelong concern for animal welfare.

The Awards are presented annually to scientists and technicians for significant contributions to the welfare of animals used in research and teaching at the University of Alberta.

These events are sponsored by the Office of the Vice-President (Research and External Affairs).

Please note: Although there is no charge for the forum, all participants must pre-register by contacting:

Biosciences Animal Service
 CW 401 Biological Sciences Building
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 e-mail: dmckay@gpu.srv.ualberta.ca
 Phone: 780-492-5193 Fax: 780-492-7257



University of Alberta
 Office of the Vice-President
 (Research and External Affairs)

FORUM

10:30 - 10:45 Introduction
Dr Jim Wong, Director of Assessments, Canadian Council on Animal Care

10:45 - 12:00 Objective Scoring of Handling and Design of Facilities for Cattle
Dr Temple Grandin, Animal Sciences, Colorado State University and Director, Grandin Livestock Systems

12:00 - 1:00 Lunch

1:00 - 1:50 Effects of Housing Systems on Laying Hen Production and Welfare
Ms Karen Schwan, Dept of Animal and Poultry Sciences, University of Saskatchewan

1:50 - 2:40 Recommended Codes of Practice: Maintaining status quo or encouraging progress?
Dr Laurie Connor, Dept of Animal Sciences, University of Manitoba

2:40 - 3:00 Coffee break

3:00 - 3:50 Production Methods, Pig Behaviour, and Animal Welfare
Dr Harold Gonyou, Prairie Swine Centre, University of Saskatchewan

LECTURE AND AWARDS - everyone welcome

4:10 - 4:40 Louis D Hyndman Sr Awards Presentation

4:40 - 5:40 Louis D Hyndman Sr Lecture
 The Culture and Agriculture of Animal Production: The role of the university
Dr David Fraser, Professor of Animal Welfare, University of British Columbia

5:40 - 7:00 Wine and cheese reception

events

AUTUMN FLOWER FAIR

DEVONIAN BOTANIC GARDEN CRAFTERS' ASSOCIATION
September 25 and 26, 11:00 am - 4:00 pm
Handmade lotions, soaps, dried floral arrangements, potpourri, pressed flower creations and candles - all available for sale. At the Devonian Gardens (5 km north of Devon on Hwy 60). Free admission. Information: Barb Homme 987-2029 or Garden 987-3054. Non-profit event sponsored by DBGCA.

CAREERS

CAREERS DAY '99
September 22, 10:00 am - 4:00 pm
"Spotlight on Your Career," at the University of Alberta Butterdome.

DIVERSITY CAREER FAIR
September 23, 1 pm - 5 pm
For Aboriginal students and students with disabilities, at Dinwoodie Lounge, 2nd Floor, Students' Union Building.
For more information, visit or call CaPS at 2-100 SUB, 492-4291 or visit our website at www.ualberta.ca/caps

EXHIBITION

FAB GALLERY
September 14 - 26
Ryan McCourt, Modern Artifacts. Hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; closed Monday, Saturday and statutory holidays. 1-1 Fine Arts Building.

ARTS BARN
September 17 - 28
Andrew French, Allusions to Grandeur. At the Arts Barns, 10330 - 84 Avenue. Opening reception: Sept. 17, 7 pm - 2 am. Hours: Sept. 18 & 19, 10 am - 5 pm; Sept. 20 - 28, 12 pm - 5 pm.

In memoriam

John F. Ebdon, 1947-1999

By Doug Poff

It is with great sadness the University of Alberta Libraries observe the passing of our colleague, John Frank Ebdon. John died suddenly at his home on Sept. 3, of a heart attack. He was 52.
John joined the U of A and was a member of the libraries' systems staff since April 1970. He was the senior programmer for the libraries' first automated circulation system, and has been throughout the years the resident expert on three generations of technology. John's ability to design system solutions has been key to the success of the NEOS Library Consortium, which now brings to the university the resources of more than 20 libraries throughout Alberta.
John's expertise extended well beyond programming. His colleagues never ceased to be amazed (and not infrequently mystified) by the breadth and depth of his knowledge which embraced the engineer-

MUSIC

DEPARTMENT OF MUSIC
September 25, 8:00 pm
Faculty Recital: Shelley Younge, flute. Program to be announced. Admission: \$5/student/senior, \$10/adult. Convocation Hall, Arts Building.
September 29, 8:00 pm
Faculty Recital: Tanya Prochazka, cello; Janet Scott Hoyt, piano. "The Passionate Englishman." Program to be announced. Admission: \$5/student/senior, \$10/adult. Convocation Hall, Arts Building.
October 1, 8:00 pm
Faculty Recital: Roger Admiral, piano. Program: works by Rachmaninoff, Beethoven, Bashaw, Chopin. Admission: \$5/student/senior, \$10/adult. Convocation Hall, Arts Building.

SPORTS

U OF A GOLDEN BEARS
Golden Bears football hosts University of Manitoba in Homecoming Classic Saturday, September 18, 1:30pm, at Commonwealth Stadium.

SYMPOSIUM

GLOBAL CULTURE & ARTS COMMUNITIES: MILLENNIUM SYMPOSIUM
By the Edmonton Arts Council in partnership with the U of A, Faculties of Arts and Extension. October 13 - 17, at the Timms Centre for the Arts. Registration deadline is October 8. Information: Christina Tozer, phone (780) 424-2787, fax (780) 425-7620 or e-mail: ctozer@oanet.com, or website: www.edmontonarts.ab.ca/symposium

THEATRE

STUDIO THEATRE
September 22 - October 9
"Transit of Venus" by Maureen Hunter. Box Office: 492-2495. Timms Centre for the Arts.

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DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING, UNIVERSITY OF ALBERTA

Applications are invited for two Faculty Service Officer positions whose main responsibilities will be in undergraduate laboratory instruction/supervision and undergraduate teaching. These positions are available immediately. The salary range for these positions is \$40,000 to \$53,000 per year depending on qualifications. Candidates must either hold an M.Sc. in Chemical Engineering or a B.Sc. in Chemical Engineering with several years of directly relevant experience. The Faculty Service Officers will be in charge of the chemical engineering undergraduate laboratories and the duties will include the supervision of undergraduate laboratories, the design of new undergraduate laboratories and teaching of some core undergraduate courses. One of the positions requires experience with ASPEN. Experience in teaching chemical engineering courses, designing and supervising undergraduate laboratories, and university research would be an asset. Participation in research will also be required of the successful candidates. Consult our web site at <http://www.ualberta.ca/CHEMENG/> for information about our Department. In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. A résumé and the names of three references should be sent to:

Dr. S.E. Wanke, Chair
Dept. of Chemical and Materials Engineering
University of Alberta
Edmonton, Alberta, Canada T6G 2G6.

Applications are requested prior to October 29, 1999.

SUSTAINABLE FOREST MANAGEMENT NETWORK-RÉSEAU DE GESTION DURABLE DES FORÊTS RESEARCH COORDINATOR

We are seeking a Research Coordinator to assist with our communications needs, research integration, and knowledge and technology transfer within the realm of scientific research and forest management.

Overview

The Sustainable Forest Management Network (SFMN) is a federal Centre of Excellence headquartered at the University of Alberta in Edmonton. The SFMN is dedicated to funding integrated, multidisciplinary research to ensure the sustainability of Canada's boreal forests. This involves strong partnerships and enhanced networking with forest industry representatives and academic researchers. The SFMN is comprised of some 70 researchers and 150 graduate students from 25 Canadian universities, as well as 12 industry and government partners.

Responsibilities

In close liaison with the Network's partners (forest industry, government and First Nations), the successful applicant will:

- Assist in the communication of research results and outreach programs.
- Liaise with network partners to identify research needs and facilitate knowledge transfer.
- Develop and deliver appropriate training programs for SFMN graduate students.
- Assist with refining methods for integrating SFMN research designs and results among researchers and industry partners. Research projects cover a wide range of disciplines including forestry, botany, zoology, economics, geography, anthropology and engineering.
- Assist in establishing new research programs within Canadian provinces.

Qualifications

The successful applicant will have a degree in forestry and relevant graduate training, however other applicable disciplines will be considered. A minimum of 2 years experience in research is required, combined with strong writing and computer skills. The applicant must be confident with public speaking, and be willing to work in a team environment. Bilingual skills and a background in professional forest management will be considered an asset. Equivalent qualifications and experience will be considered. Some travel is involved.

Salary

The salary for this position will be in the range of \$38,000 to \$45,000 commensurate with qualifications and experience.

Contact

To apply, please send a covering letter and résumé by September 30, 1999 to:

Dr. R. Bruce MacLock, Network Manager
Sustainable Forest Management Network-
Réseau de Gestion Durables des Forêts
University of Alberta,
G208 Biological Sciences Building,
Edmonton, Alberta T6G 2E9

FACULTY WEBMASTER FACULTY OF ENGINEERING

The University of Alberta is seeking a creative, visionary champion of the Web to establish and maintain an outstanding Web presence for the Faculty of Engineering. The successful candidate must possess excellent communication skills, a solid design sense, and a proven ability to package information for the electronic media. As a key member of the Faculty's administrative team, he or she will play a leadership role in the Faculty's efforts in recruitment, alumni and community relations, as well as fund-raising via the Web. He or she will integrate Web technologies into the Faculty's administrative and programming processes, undertake responsibility for the production and maintenance of the Faculty's Web site, act as a consultant and adviser for faculty and staff, and investigate and adopt appropriate Web-based technology solutions. The successful candidate will be results-oriented, will demonstrate leadership abilities, and will possess an above-average technical competence. He or she will report to the Director of Development and Alumni Relations and will work closely with the Communications Coordinator to ensure the integrity of the Faculty's printed and electronic presence.

Qualifications include training or equivalent experience in communications and/or computer technology, plus a minimum of 3 years experience in planning, consultation, production and/or marketing in a Web environment. Applicants must be able to demonstrate proficiency with applications such as HTML, Javascript, Multimedia on the Web, web graphics and design, information architecture, and database connectivity on the Web. Familiarity with, and an understanding and appreciation of, student and faculty needs in a large post-secondary environment is a definite asset and an essential component of successfully fulfilling the requirements of this position.

As part of the application process, all applicants are asked to submit addresses for Web sites they have designed.

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Vincent Duckworth
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5-1 Mechanical Engineering Building
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laurels

U OF A GOLDEN KEY CHAPTER WINS INTERNATIONAL AWARD

The Best New Chapter Award was recently given to the University of Alberta chapter of the Golden Key National Honor Society at its 1999 international convention in Orlando, Fla.

The award recognizes a chapter active for one full academic year and which has far exceeded expectations in activity and organization for new chapters. The U of A chapter was chartered on April 6, 1998 and Brian Silzer, associate vice-president

and registrar, serves as the local adviser.

Golden Key is a non-profit, international academic honors organization that provides academic recognition, leadership opportunities, community service, career networking and scholarships. The society has 285 chapters across Canada, Australia, Malaysia, New Zealand, U.S.A., Puerto Rico and the Virgin Islands. Membership into the society is by invitation only to the top students in all fields of study. ■

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FAREWELL TO UNIVERSITY PRESS DIRECTOR

Glenn Rollans, director of the University of Alberta Press, will be leaving the University of Alberta to become co-owner and publisher with Duval House Publishing in Edmonton. Join Glenn's friends and associates to express thanks for his contributions to the university and to wish him well at a farewell gathering, Sept. 21, 1999, 3:30 to 5:00 pm, at Ring House 1. To RSVP (by Sept. 17) or to make a gift contribution, contact: Yoko Sekiya at Ring House 2, 492-3662 or u.a.p@ualberta.ca.

NORTHWEST CONFERENCE ON BRITISH STUDIES

Keynote speaker: P.J. Marshall, President, Royal Historical Society, plenary address on the subject of "History in Britain at the Millennium," at the Varscona Hotel in Edmonton, September 30 to October 2, 1999. Everybody welcome, but please register with the Registration Secretary, NWCBS Edmonton 1999, c/o Dept of History and Classics, 2-28 Tory, U of A, Edmonton T6G 2H4, fax (780) 492-9125. Fees: \$120 CDN/\$80 CDN students (cheque/money orders). Information online at www.arts.ualberta.ca (under construction – check often) or e-mail nwcbs@mail.arts.ualberta.ca

WORLD WIDE WEB FOCUS GROUP

The Office of Public Affairs is seeking interested academic faculty members to participate in a focus group regarding the World Wide Web. Some familiarity with the use of Internet technology and viewing Web sites is required. For details, contact 492-4918 before September 24th.

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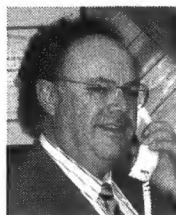
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These rates are per night and are exclusive of convention conference rates which are established by conference/convention organizers. Rates valid to December 31, 1999 unless otherwise noted, taxes not included.

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CANADIAN FEDERATION OF UNIVERSITY WOMEN

The Annual Fall Reception for the CFUW (Edmonton) will be held at the Faculty Club, U of A campus, 11435 Saskatchewan Drive, 7:00pm, Monday, September 20th. Guest speaker: U of A Chancellor Lois Hole, "Accomplishments of the Past Year as Chancellor." Membership renewal and interest groups showcase will also be held. All women University graduates welcome. Information: 439-4285.

EFF-FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

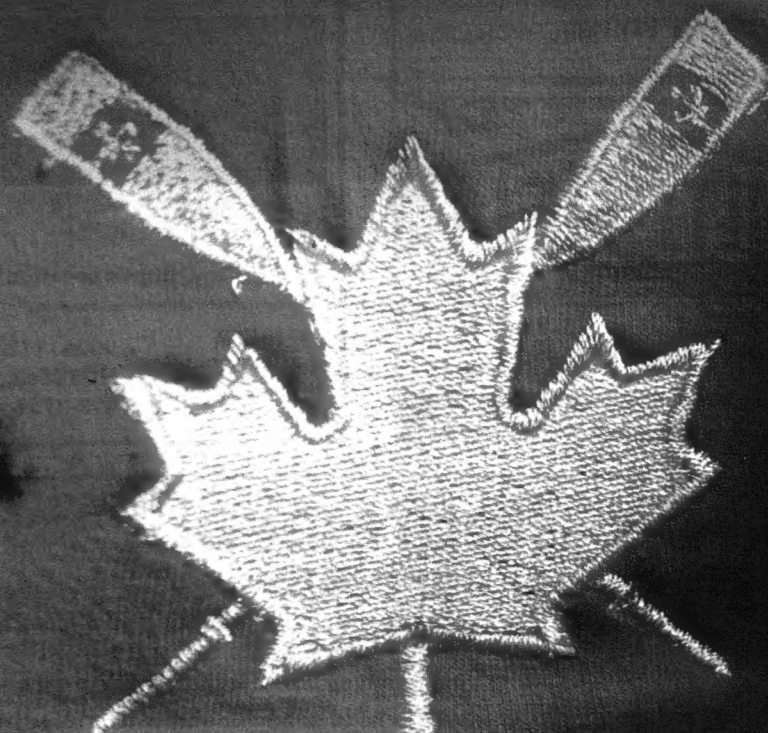
Application deadline: The deadline for receipt of applications to the EFF-FSIDA is Oct. 15, 1999. The next competition deadline dates are Jan. 5 and April 15, 2000.

This fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries. Applications and guidelines are available on the University of Alberta International Web site, www.international.ualberta.ca, under "Overseas Projects and Programs" or from the FSIDA Secretary at University of Alberta International, 2-10 University Hall, phone 492-2844.

U OF A INPUT FOR THE GREAT EDMONTON TREE HUNT

The City of Edmonton invites you to participate in the Great Edmonton Tree Hunt, to promote public awareness of trees outstanding in age, size, character and to assist the city and the historic registry in expanding its inventory of significant and worthy trees in Edmonton. All nominations will be evaluated by professional arborists. Prizes will be awarded for the most outstanding tree or group of trees in each category: most beautiful form, most

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CANADA

& glory

and small successes along the way

U of A student, staffer and Olympian Tosha Tsang

By Sheila Soder

You may be closer to Olympic silver at the University of Alberta than you might suspect, particularly if you worked or studied with sociology graduate student Tosha Tsang. Tsang won silver rowing in the women's eight-plus category in the summer 1996 Olympics in Atlanta, but it's not something she normally shares with colleagues.

"People start to look at me funny," she says. "They have preconceived notions. We're ordinary people who have done extraordinary things. I never thought I could do this. People put me up on a pedestal, and I tend to fall from heights."

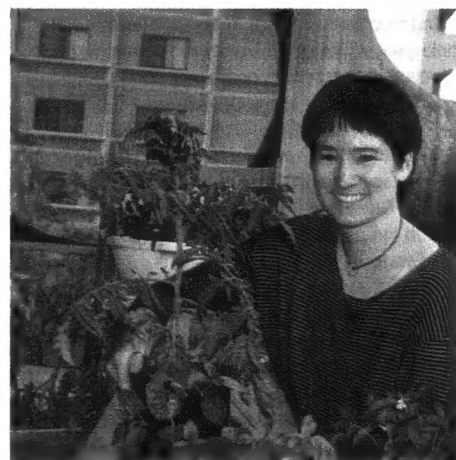
A vegetarian and an avid gardener, Tsang insists she is "more than just a rower. I no longer want to exist in that realm, but it is fun to go back and visit." Tsang was accepted at the U of A as an open studies student in September 1998. Since then she has worked at a number of different positions on campus, including telephone interviewer in the Population Research Lab, research assistant in the Faculty of Extension, and receptionist in the Department of Sociology.

Tsang says she deliberately chose the U of A over other schools "for a variety of factors, in particular the personal approach of the sociology department." In the meantime, she works on her thesis: racialized identities of high performance athletes.

For Tsang, the Olympics were "a process, not really a plan of mine. I worked at it a long time." She traces her rowing success back to her fourth year at McGill University, where she was scouted for the Canadian rowing team. "The year finished, but I was just starting to get good at this," she says. "I decided to train full-time after school, and then I made it [onto the national team], and suddenly the Olympics were only a year away."

The race was 2000 m, and was a study in a Canadian comeback. "The field was very tight," reminisces Tsang. "We started third, and by the half-way mark were in fourth place. By the three-quarter mark, we were back up to third, and we put together an amazing sprint. I didn't know where we were when we crossed the finish line," says Tsang.

The Canadian boat beat the Belarussians to the mark by "this much," she says, extending her hands only about three feet apart. "We had talked about it the night before—our weakness was our finish."



Photos: Tina Chang

Upon learning they were second, Tsang remembers thinking it was a big thing just to get a medal (most rowing regattas only award medals for first place). "Then it sunk in that we were at the Olympics, so that meant not just a silver medal but an Olympic silver!"

Tsang says she is a bit uncomfortable of the attention placed on her medal. "There were some medal performances there that got fourth place that never get the acknowledgement of the others." She believes the Canadian team was doubly blessed in that race. "It was an amazing race. That and winning [a medal] do not often go hand in hand."

She later received her participant's medal, and now will not show her silver medal unless it is paired with the other. "The participant's medal represents all of the small successes along the way, the injuries and the times I wanted to quit," explains Tsang. "The silver medal is the fame and glory part, but that is only a small part of my experiences as a rower."

"People put me up on a pedestal, and I tend to fall from heights. We're ordinary people who have done extraordinary things."



folio **back page**